

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016203.D
 Acq On : 14 Aug 2020 20:04
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:46:40 PM

Quant Time: Aug 17 09:07:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131021	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	7.88	113	134277	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	10.32	98	527716	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.62	95	193588	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	96589	54.042	ug/l	93
3) Chloromethane	2.21	50	97850	51.420	ug/l	95
4) Vinyl Chloride	2.37	62	133791	50.231	ug/l	97
5) Bromomethane	2.78	94	92609	55.921	ug/l	100
6) Chloroethane	2.93	64	80919	53.796	ug/l	95
7) Trichlorofluoromethane	3.26	101	98467	45.665	ug/l	97
8) Diethyl Ether	3.68	74	75963	56.139	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	138664	49.041	ug/l	99
10) Methyl Iodide	4.26	142	213396	52.233	ug/l	99
11) Tert butyl alcohol	5.18	59	46955	344.227	ug/l #	80
12) 1,1-Dichloroethene	4.03	96	144718	50.295	ug/l	99
13) Acrolein	3.89	56	48667	246.987	ug/l	97
14) Allyl chloride	4.67	41	209678	54.387	ug/l	99
15) Acrylonitrile	5.37	53	159379	312.593	ug/l	99
16) Acetone	4.12	43	127633	259.947	ug/l	99
17) Carbon Disulfide	4.37	76	420007	49.713	ug/l	100
18) Methyl Acetate	4.67	43	68378	59.804	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	216577	61.128	ug/l	98
20) Methylene Chloride	4.91	84	177672	59.159	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	160257	51.145	ug/l	97
22) Diisopropyl ether	6.31	45	412076	56.698	ug/l	98
23) Vinyl Acetate	6.26	43	1251193	300.648	ug/l	99
24) 1,1-Dichloroethane	6.21	63	262425	51.733	ug/l	99
25) 2-Butanone	7.17	43	193995	294.816	ug/l	98
26) 2,2-Dichloropropane	7.17	77	150173	45.830	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	175400	54.231	ug/l	98
28) Bromochloromethane	7.51	49	103998	54.038	ug/l	100
29) Tetrahydrofuran	7.53	42	128192	325.904	ug/l	100
30) Chloroform	7.68	83	270604	51.342	ug/l	96
31) Cyclohexane	7.95	56	231867	49.572	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	222444	50.234	ug/l	99
36) 1,1-Dichloropropene	8.09	75	212520	47.722	ug/l	99
37) Ethyl Acetate	7.26	43	88696	58.091	ug/l	99
38) Carbon Tetrachloride	8.07	117	208949	47.017	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	275493	51.358	ug/l	99
40) Benzene	8.32	78	618850	49.397	ug/l	99
41) Methacrylonitrile	7.48	41	54453	62.489	ug/l	97
42) 1,2-Dichloroethane	8.40	62	166952	50.458	ug/l	98
43) Isopropyl Acetate	8.43	43	170213	59.255	ug/l	99
44) Trichloroethene	9.09	130	163902	46.193	ug/l	98
45) 1,2-Dichloropropane	9.37	63	150797	51.062	ug/l	98
46) Dibromomethane	9.46	93	81018	52.255	ug/l	97
47) Bromodichloromethane	9.65	83	204302	51.002	ug/l	96
48) Methyl methacrylate	9.44	41	79254	59.349	ug/l	99
49) 1,4-Dioxane	9.45	88	25749	1318.901	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	436017	300.113	ug/l	99
52) Toluene	10.39	92	398037	49.617	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	200458	54.046	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	243855	52.900	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	116907	52.551	ug/l	99
56) Ethyl methacrylate	10.65	69	155354	61.236	ug/l	99
57) 1,3-Dichloropropane	10.93	76	199653	52.748	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	294213	254.359	ug/l	100
59) 2-Hexanone	10.97	43	297306	299.131	ug/l	98
60) Dibromochloromethane	11.13	129	138948	52.504	ug/l	100
61) 1,2-Dibromoethane	11.24	107	115058	53.727	ug/l	99
64) Tetrachloroethene	10.87	164	132729	49.397	ug/l	91
65) Chlorobenzene	11.66	112	426623	50.829	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	148468	50.605	ug/l	99
67) Ethyl Benzene	11.73	91	774675	51.355	ug/l	100
68) m/p-Xylenes	11.84	106	590583	101.858	ug/l	100
69) o-Xylene	12.17	106	277360	53.694	ug/l	100
70) Styrene	12.18	104	476096	53.263	ug/l	100
71) Bromoform	12.35	173	73947	56.318	ug/l #	94
73) Isopropylbenzene	12.46	105	746600	51.281	ug/l	100
74) N-amyl acetate	12.27	43	160289	61.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	131356	53.919	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	90712m	51.626	ug/l	
77) Bromobenzene	12.75	156	166207	51.613	ug/l	98
78) n-propylbenzene	12.80	91	891910	51.323	ug/l	100
79) 2-Chlorotoluene	12.90	91	513959	51.198	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	642096	51.376	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	42444	57.941	ug/l	96
82) 4-Chlorotoluene	12.99	91	525638	50.296	ug/l	99
83) tert-Butylbenzene	13.21	119	535470	52.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	646145	52.246	ug/l	98
85) sec-Butylbenzene	13.38	105	770095	51.729	ug/l	100
86) p-Isopropyltoluene	13.50	119	704321	52.308	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	316540	49.083	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	326676	51.442	ug/l	98
89) n-Butylbenzene	13.82	91	657240	52.762	ug/l	99
90) Hexachloroethane	14.09	117	128476	51.128	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	285707	50.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22138	59.115	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	199351	59.456	ug/l	100
94) Hexachlorobutadiene	15.24	225	106062	53.206	ug/l	98
95) Naphthalene	15.36	128	406489	57.262	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	174769	60.696	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

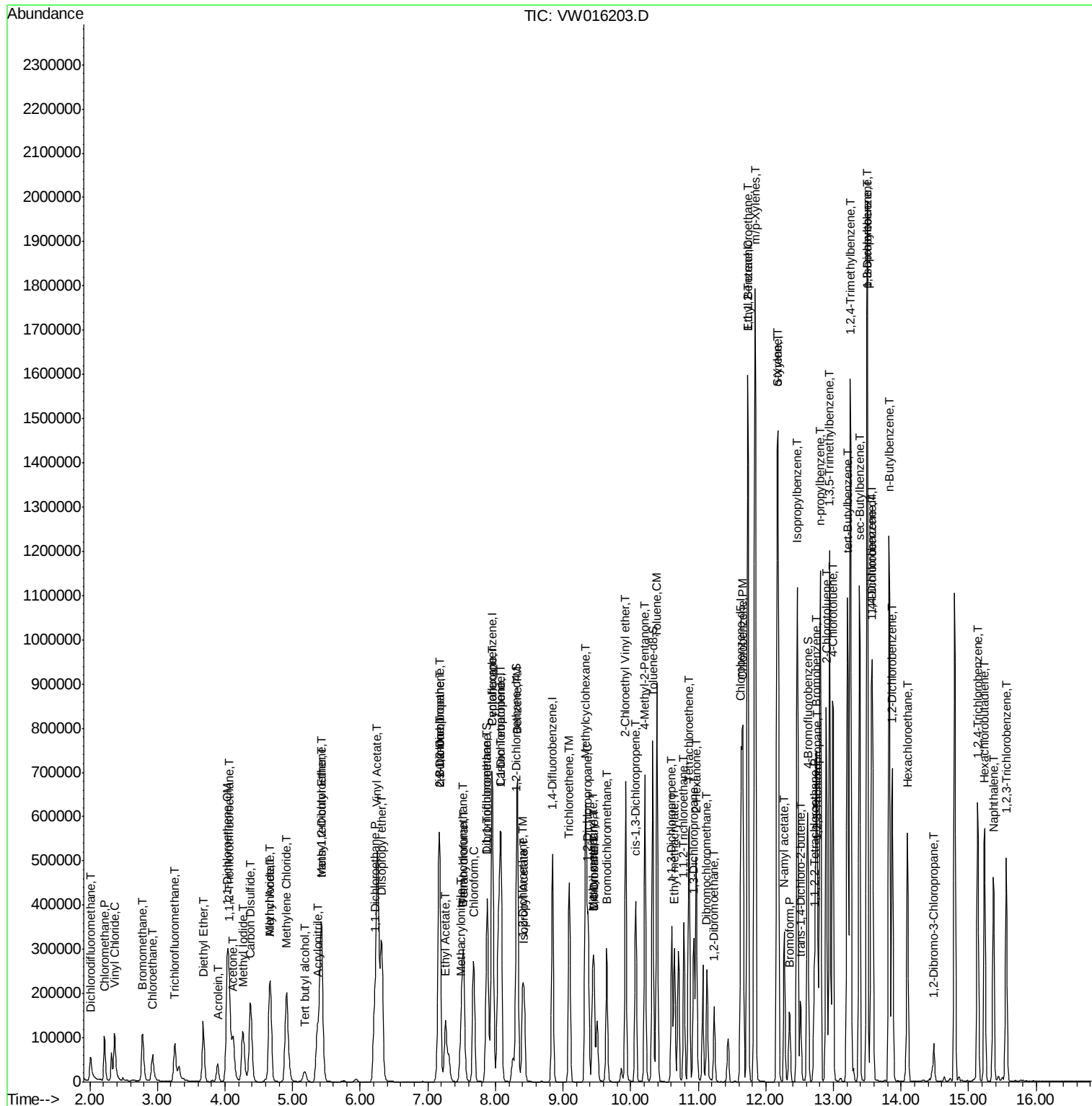
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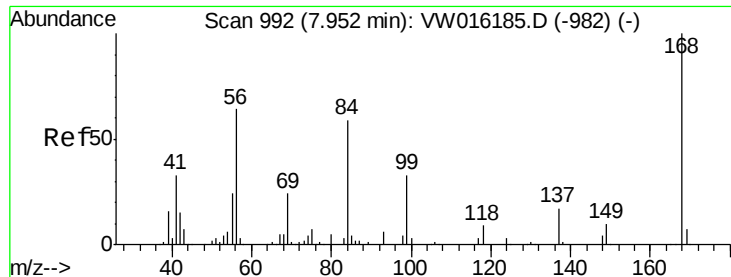
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 262821

Ion Ratio Lower Upper

168 100

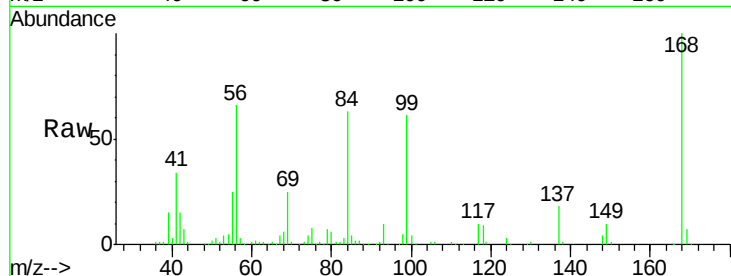
99 61.3 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

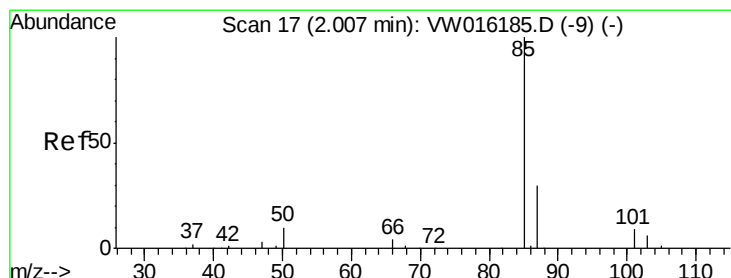
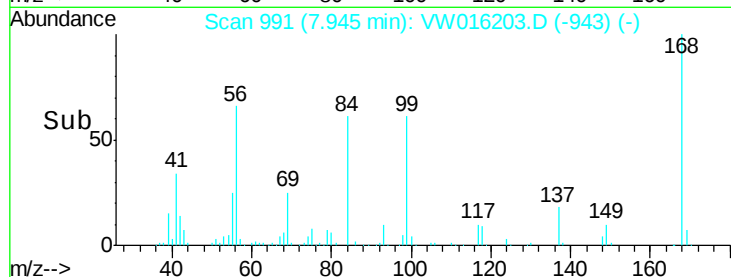
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 54.042 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016203.D

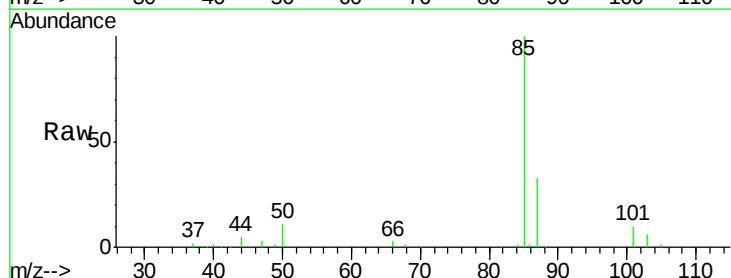
Acq: 14 Aug 2020 20:04

Tgt Ion: 85 Resp: 96589

Ion Ratio Lower Upper

85 100

87 33.2 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

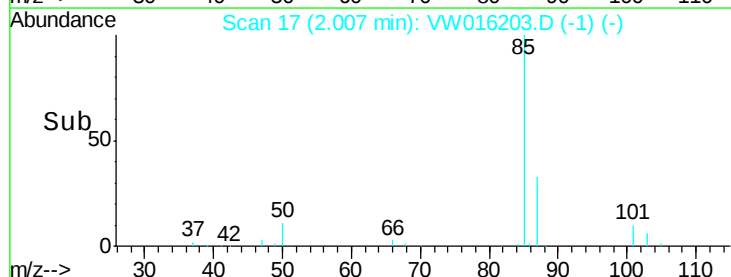
30000

20000

10000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 51.420 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 97850

Ion Ratio Lower Upper

50 100

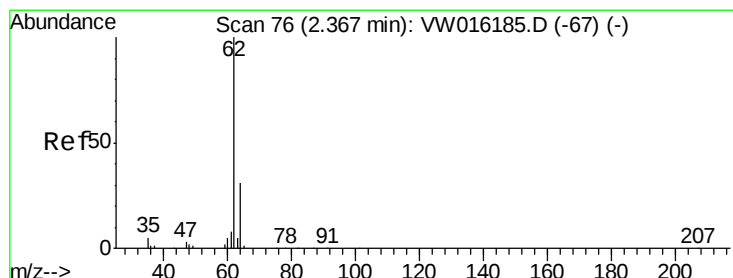
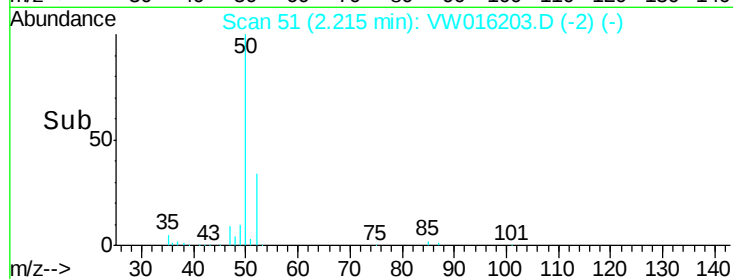
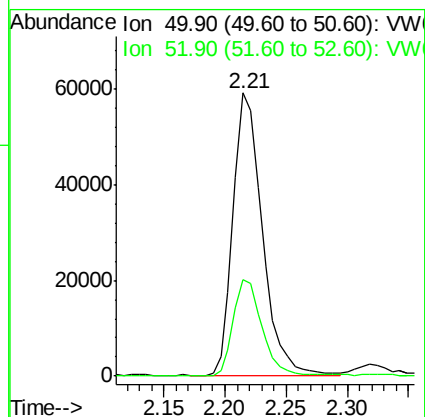
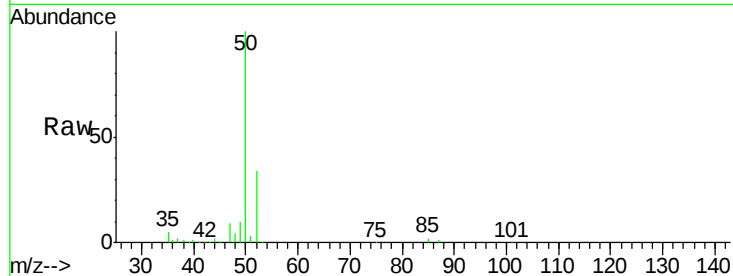
52 34.2 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.231 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016203.D

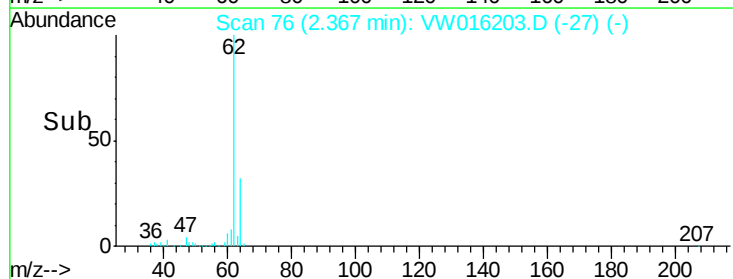
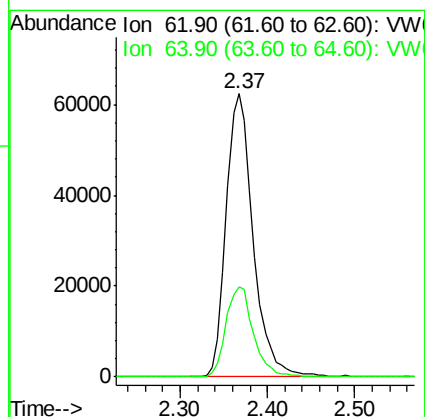
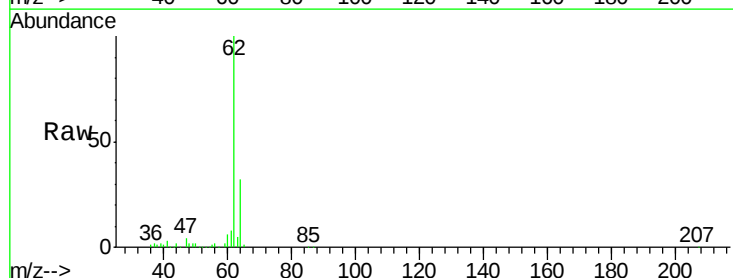
Acq: 14 Aug 2020 20:04

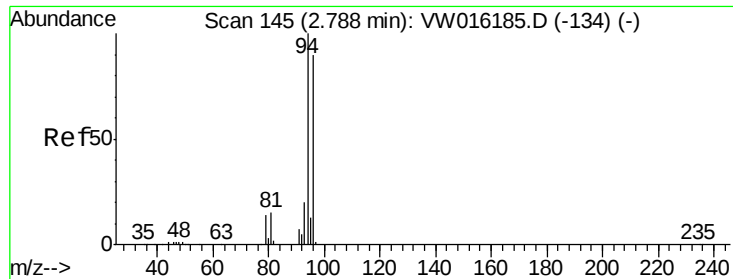
Tgt Ion: 62 Resp: 133791

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 55.921 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 92609

Ion Ratio Lower Upper

94 100

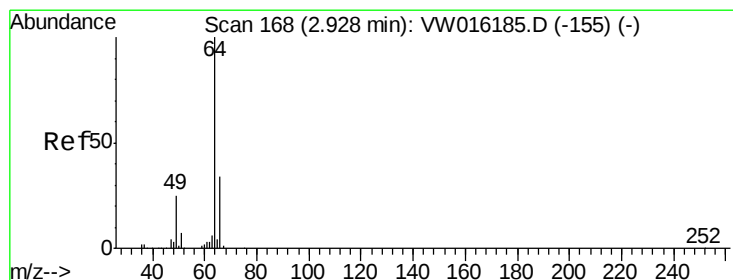
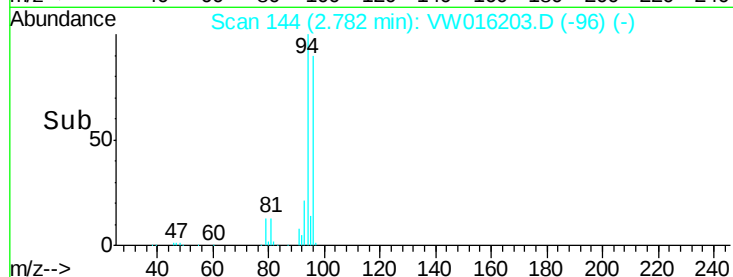
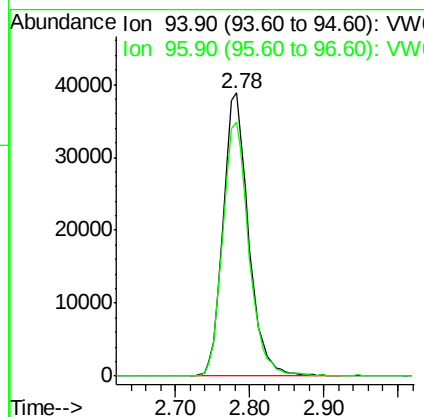
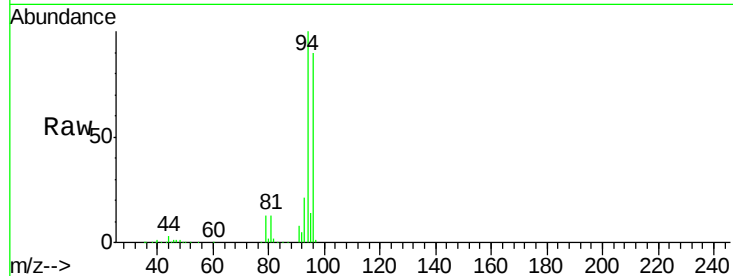
96 89.7 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 53.796 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016203.D

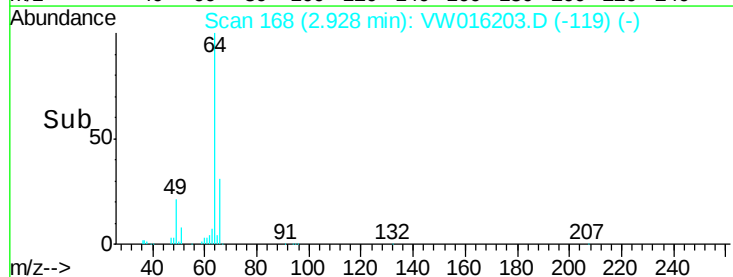
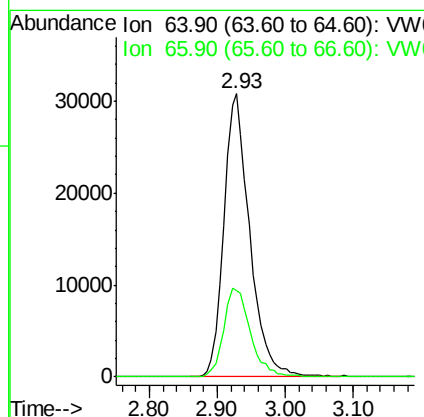
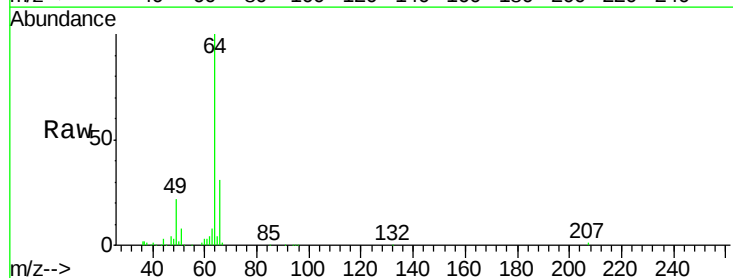
Acq: 14 Aug 2020 20:04

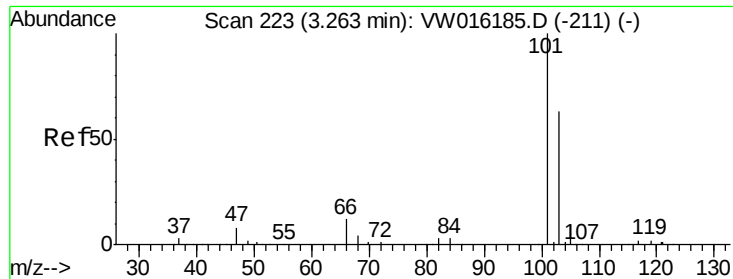
Tgt Ion: 64 Resp: 80919

Ion Ratio Lower Upper

64 100

66 30.6 26.9 40.3





#7

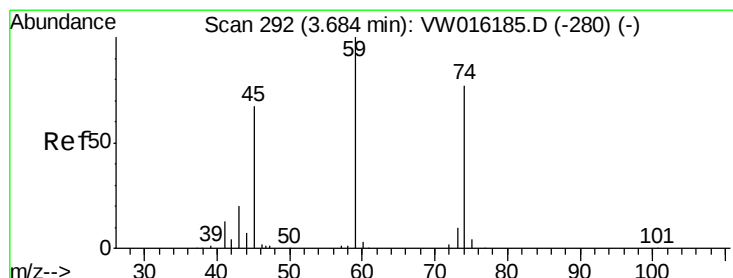
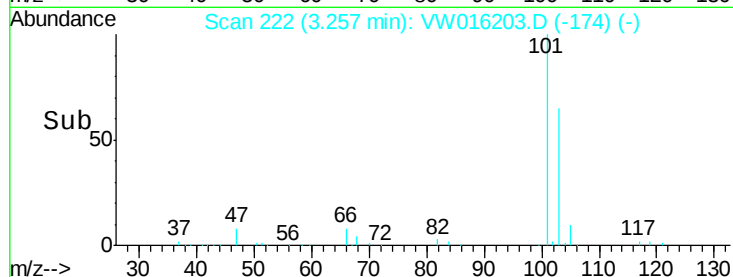
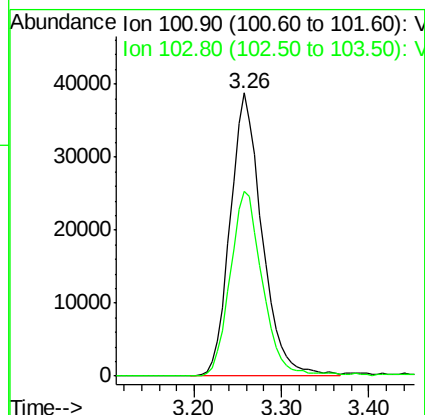
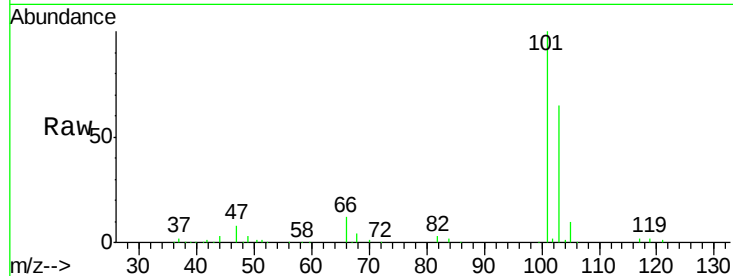
Trichlorofluoromethane
Concen: 45.665 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	50.4	75.6

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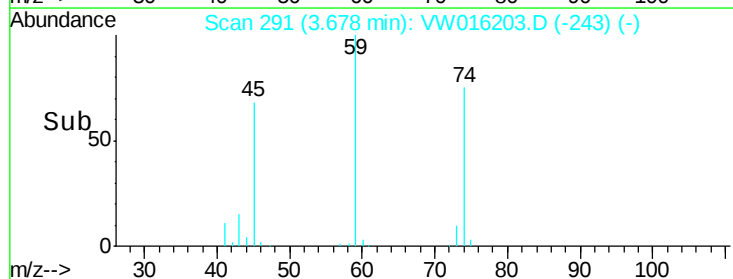
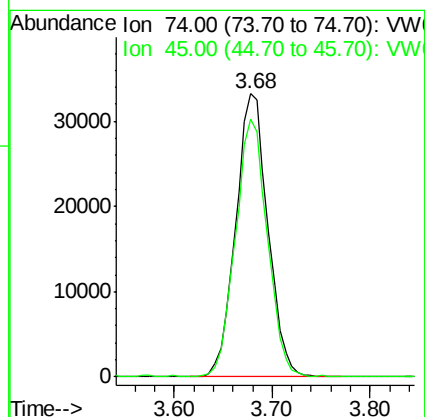
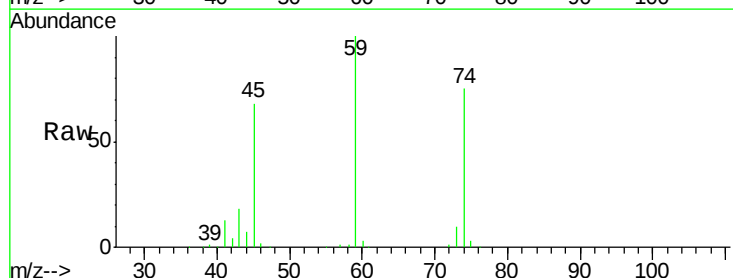
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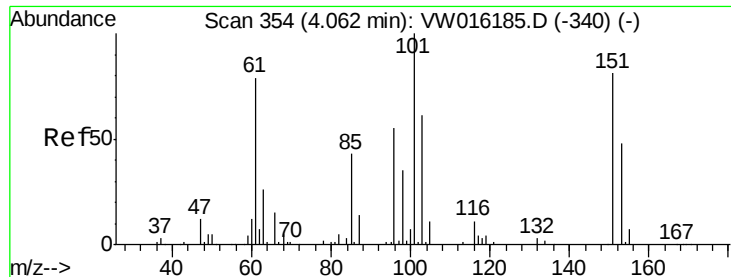


#8

Diethyl Ether
Concen: 56.139 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.2	45.9	137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.041 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW016203.D

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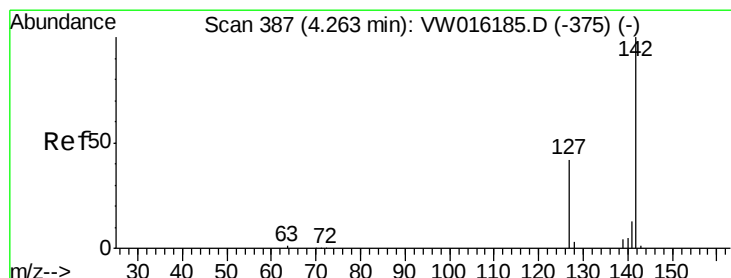
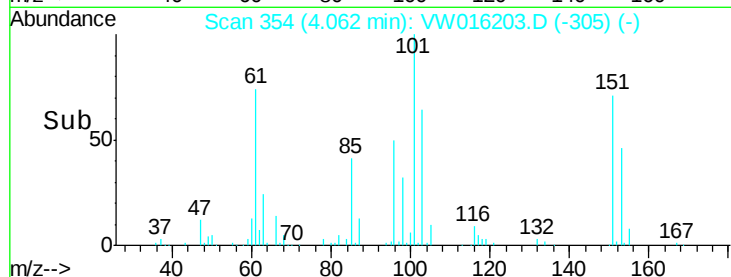
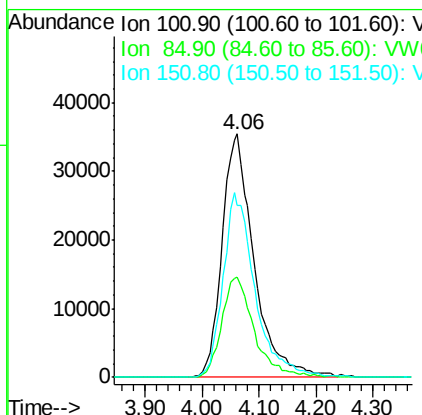
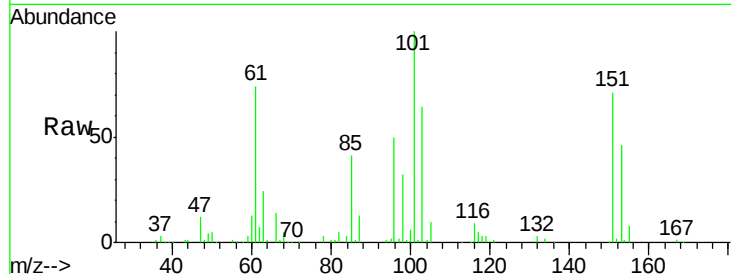
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	138664
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.3	49.9
151	75.8	61.1	91.7

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#10

Methyl Iodide

Concen: 52.233 ug/l

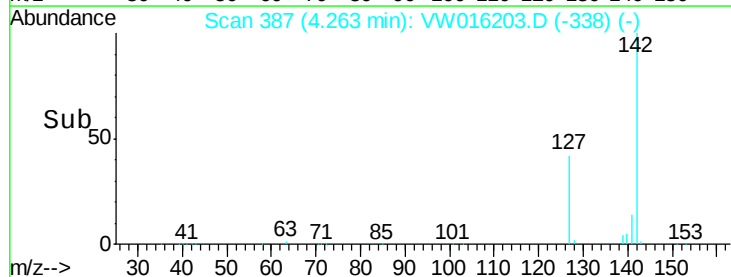
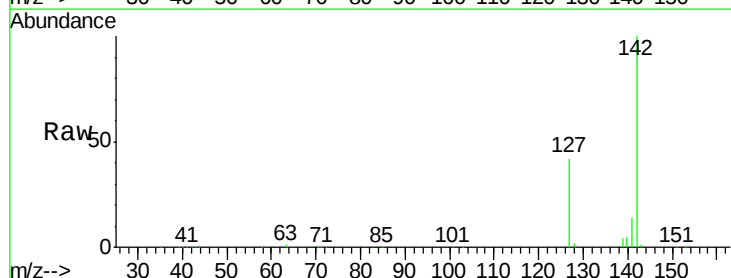
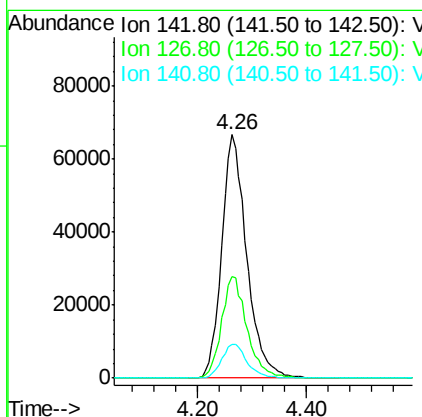
RT: 4.26 min Scan# 387

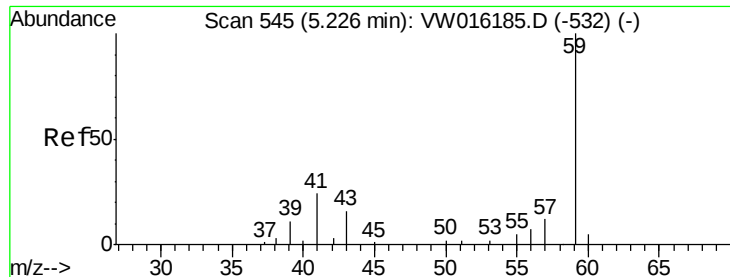
Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Tgt Ion:	142	Resp:	213396
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.6	52.0
141	14.2	11.4	17.2





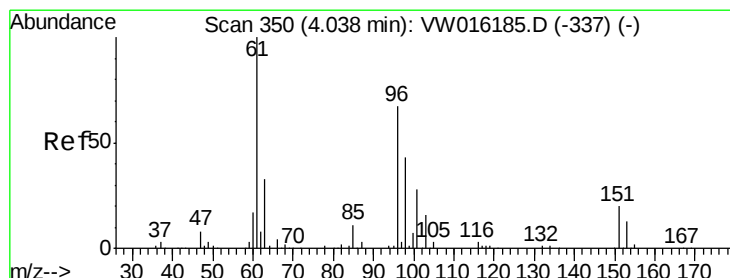
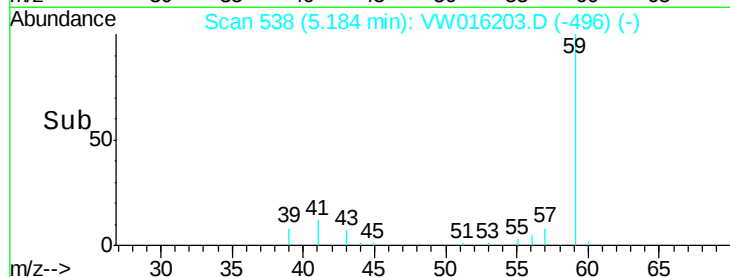
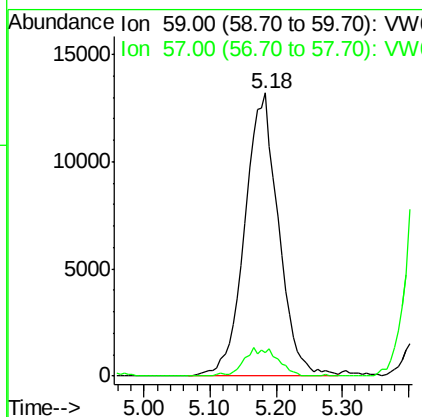
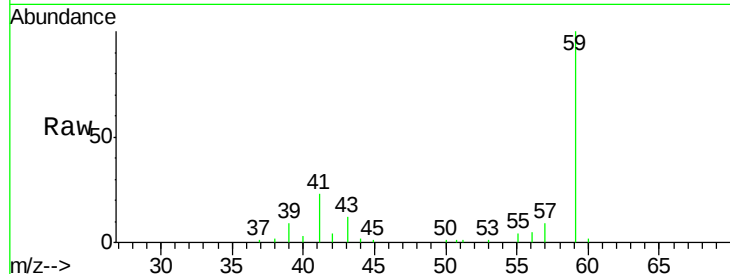
#11
Tert butyl alcohol
Concen: 344.227 ug/l
RT: 5.18 min Scan# 538
Delta R.T. -0.04 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	46955		
57	3.7		9.0	13.6#

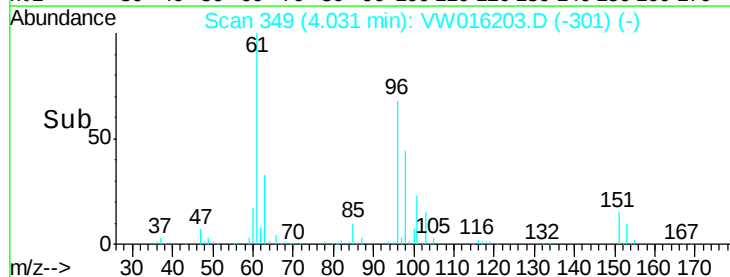
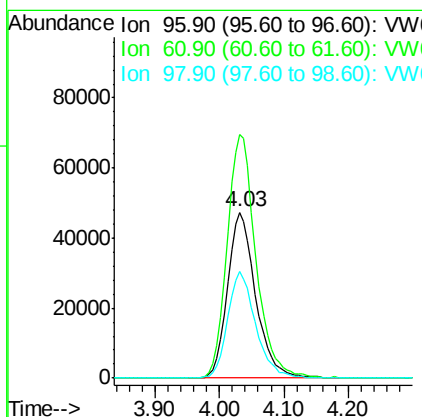
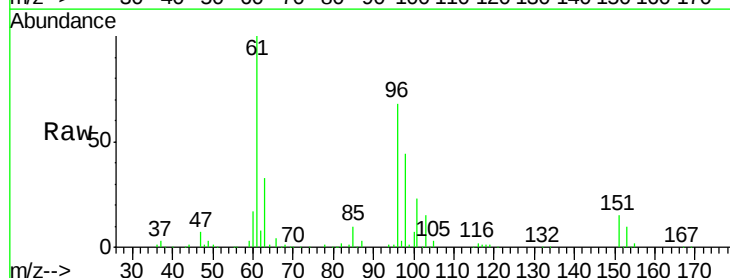
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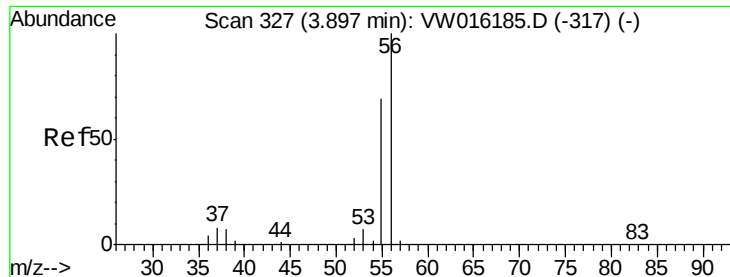
MMDadoda
8/17/2020 5:46:40 PM



#12
1,1-Dichloroethene
Concen: 50.295 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	144718		
61	146.9		119.5	179.3
98	64.4		51.3	76.9





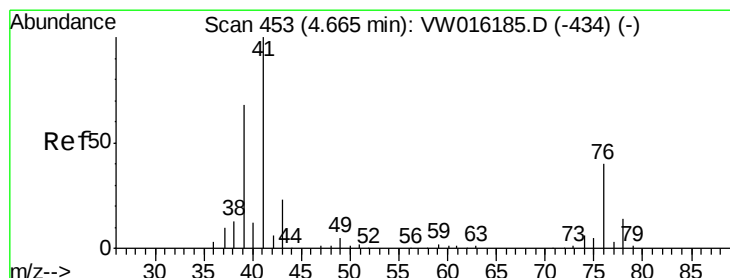
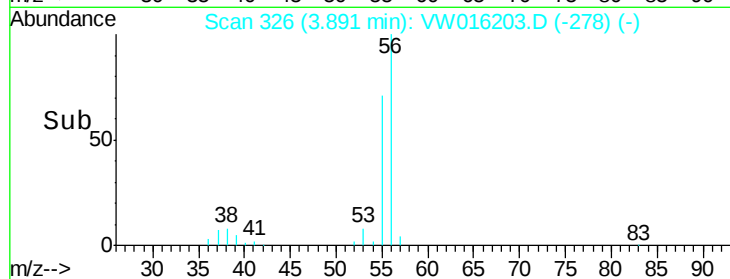
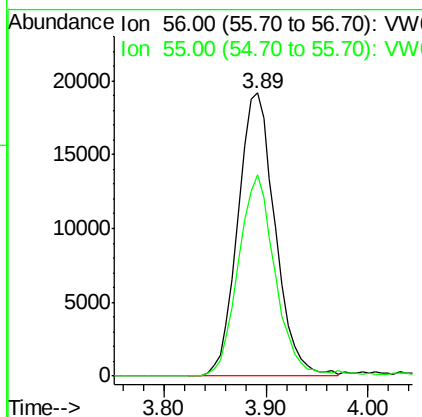
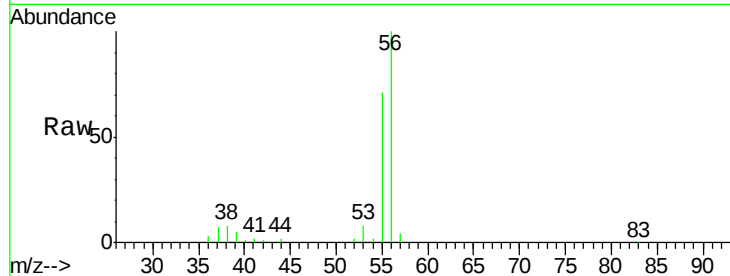
#13
Acrolein
Concen: 246.987 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.3	55.0	82.6

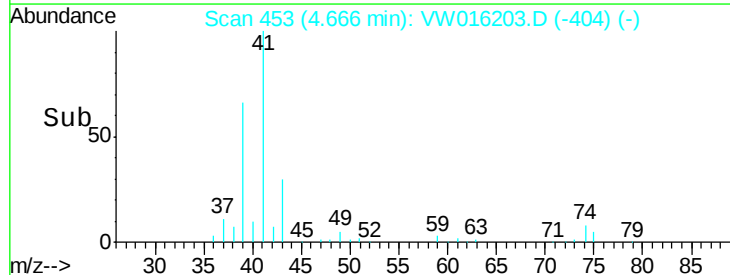
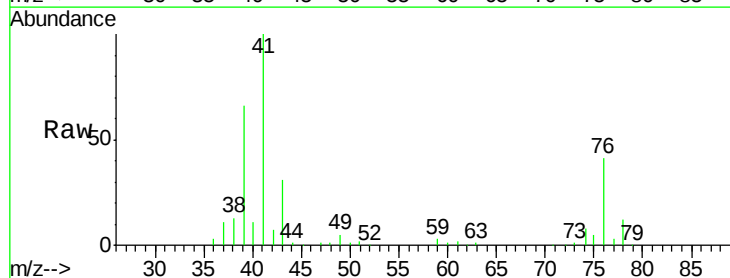
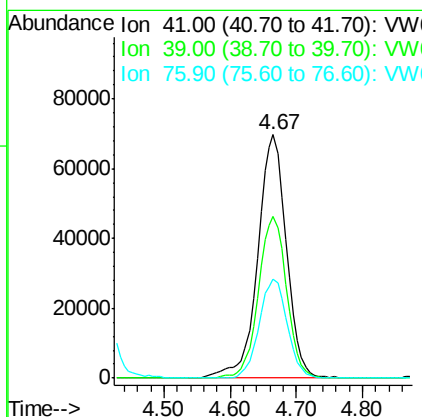
Manual Integrations
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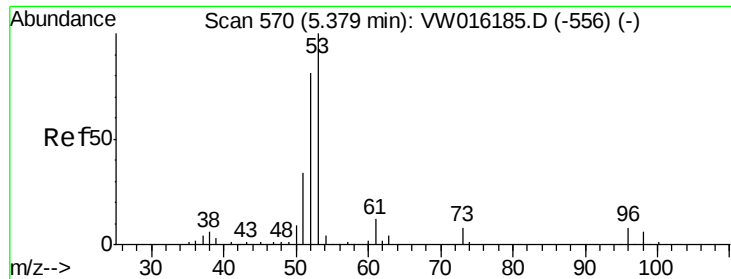
MMDadoda
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#14
Allyl chloride
Concen: 54.387 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.5	53.4	80.0
76	76	40.0	32.0	48.0





#15

Acrylonitrile

Concen: 312.593 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

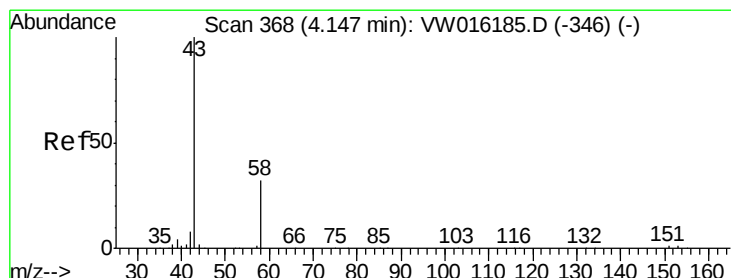
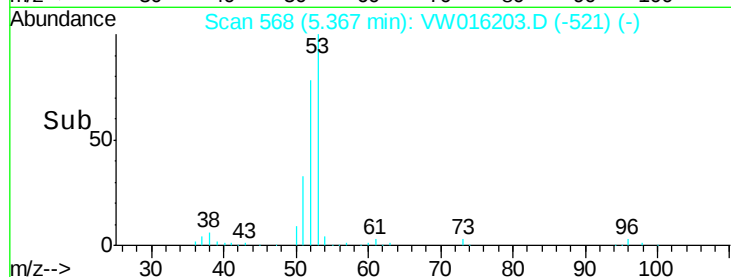
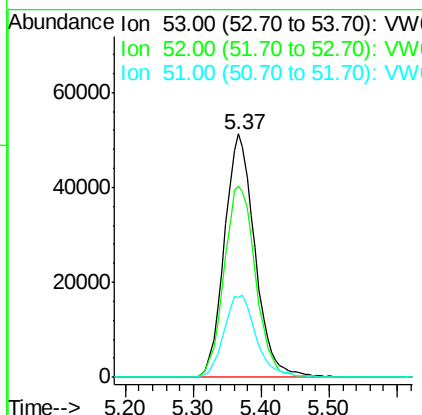
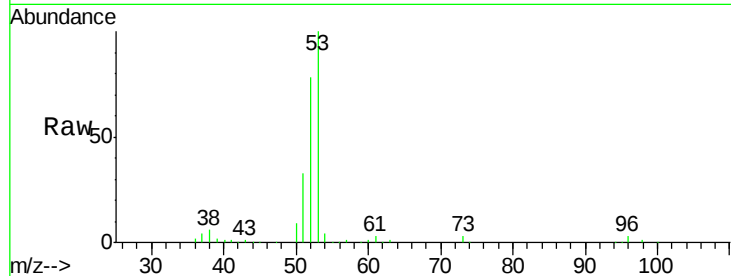
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	159379
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.3	97.9
51	35.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 259.947 ug/l

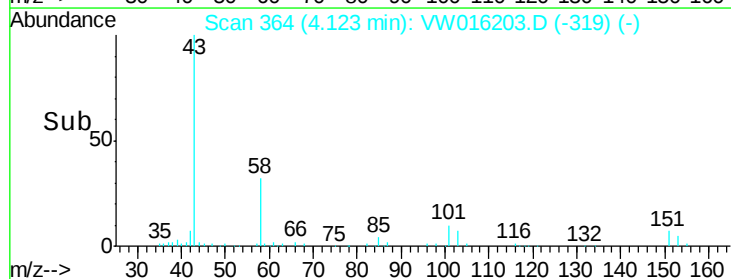
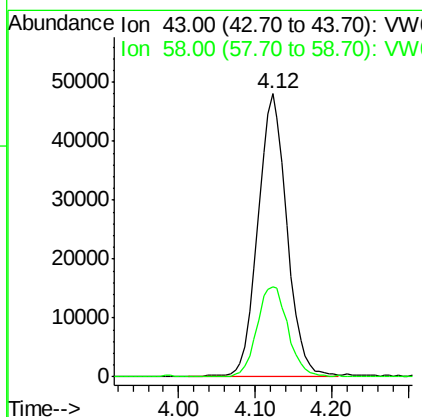
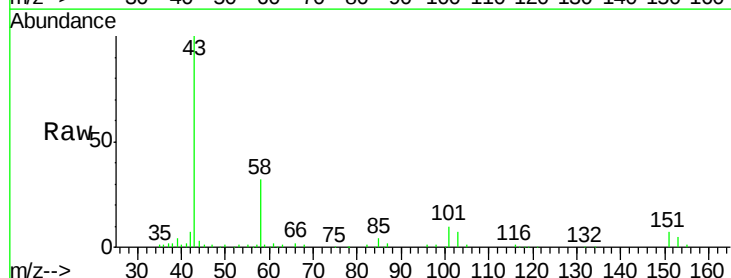
RT: 4.12 min Scan# 364

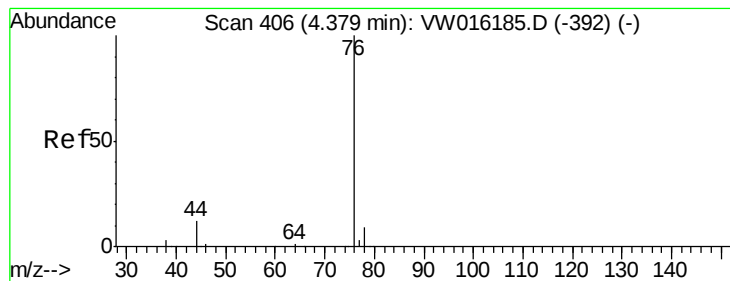
Delta R.T. -0.02 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Tgt Ion	43	Resp	127633
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.8	38.6





#17

Carbon Disulfide

Concen: 49.713 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 420007

Ion Ratio Lower Upper

76 100

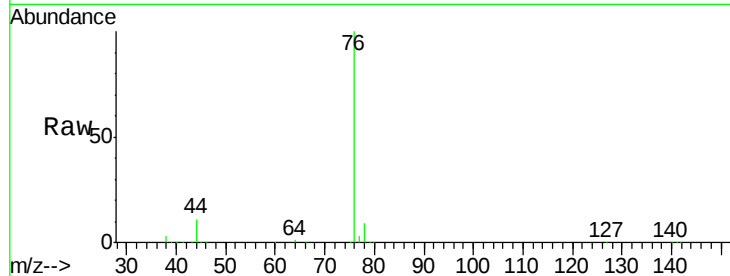
78 8.9 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

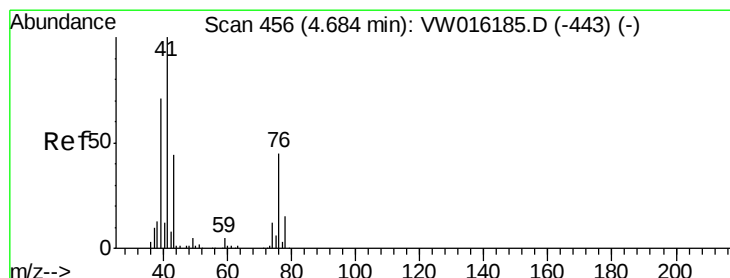
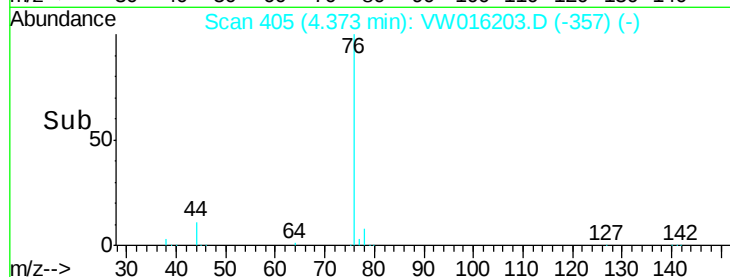
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 59.804 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW016203.D

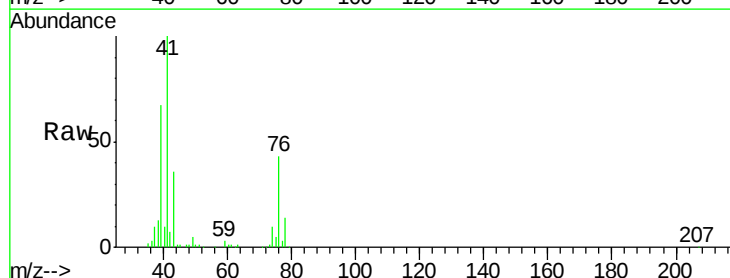
Acq: 14 Aug 2020 20:04

Tgt Ion: 43 Resp: 68378

Ion Ratio Lower Upper

43 100

74 26.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

25000

20000

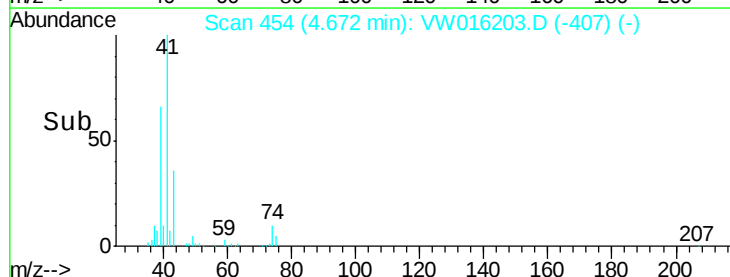
15000

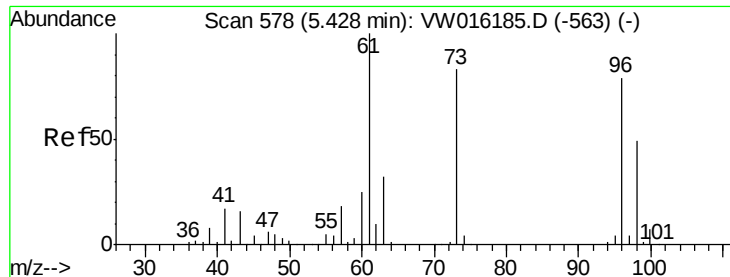
10000

5000

0

Time-->





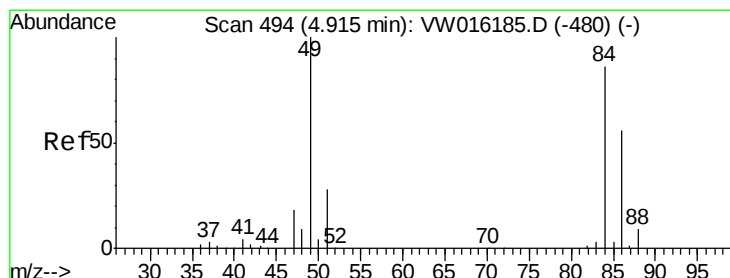
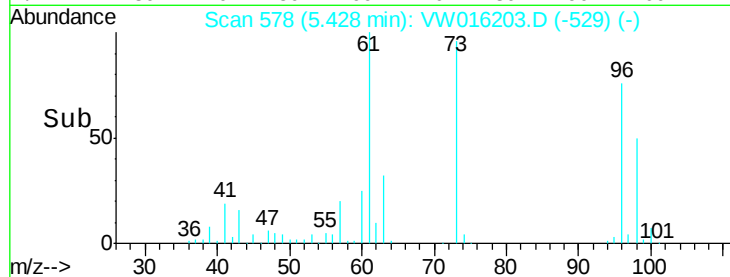
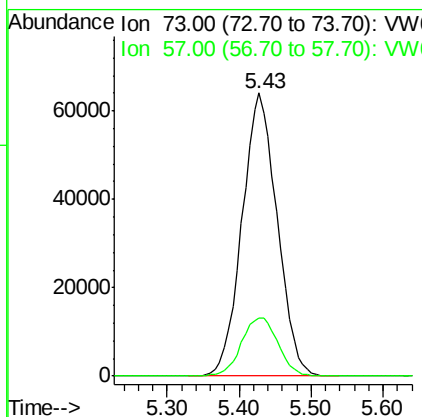
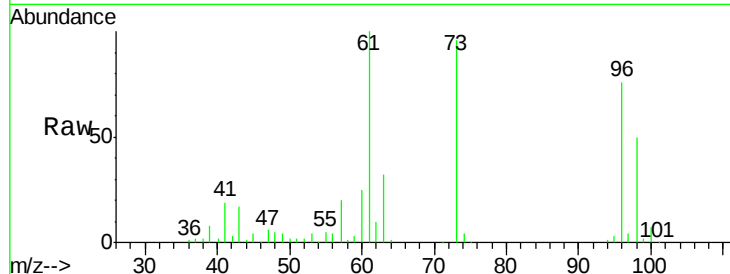
#19
Methvl tert-butvl Ether
Concen: 61.128 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 216577
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8

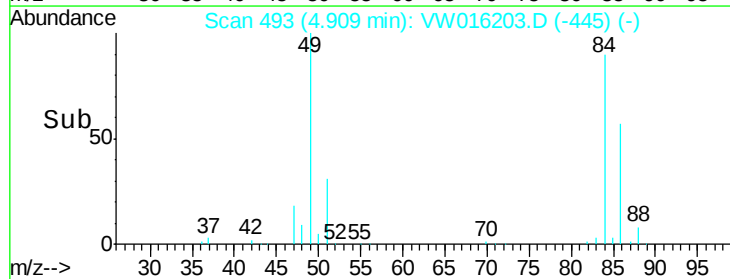
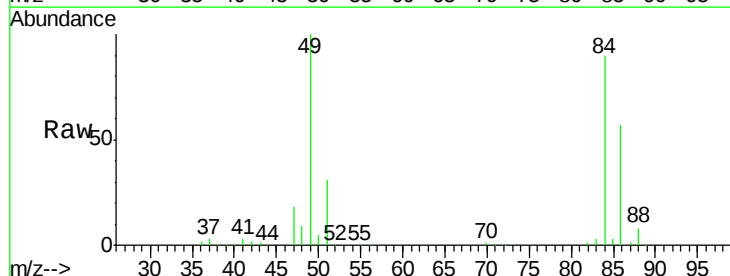
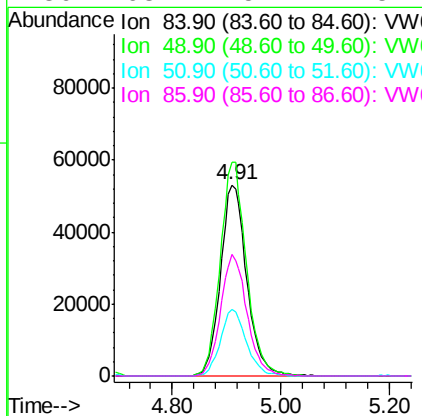
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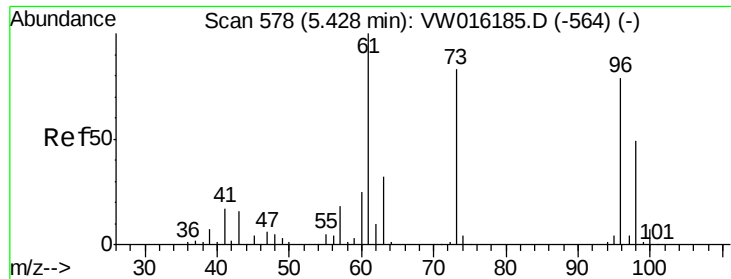
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#20
Methylene Chloride
Concen: 59.159 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion: 84 Resp: 177672
Ion Ratio Lower Upper
84 100
49 111.7 93.4 140.2
51 34.8 26.6 40.0
86 63.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 51.145 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

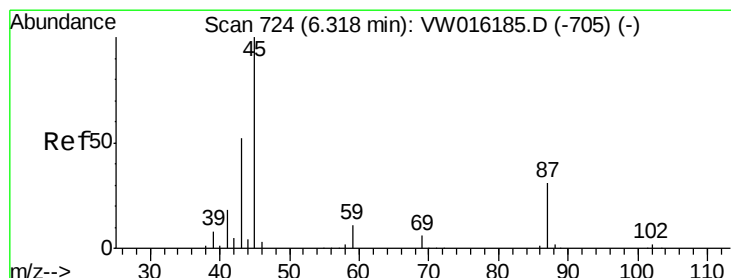
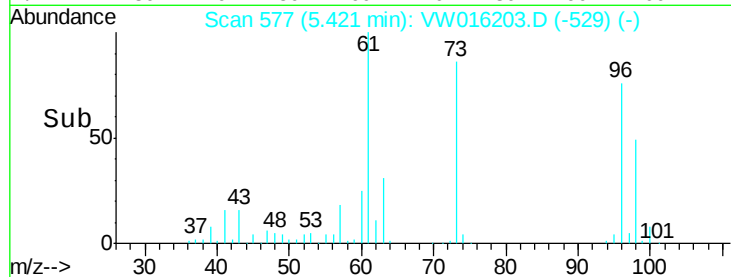
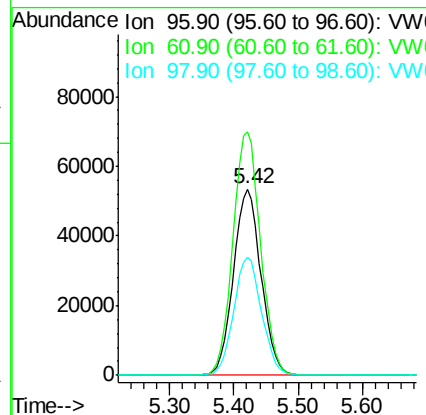
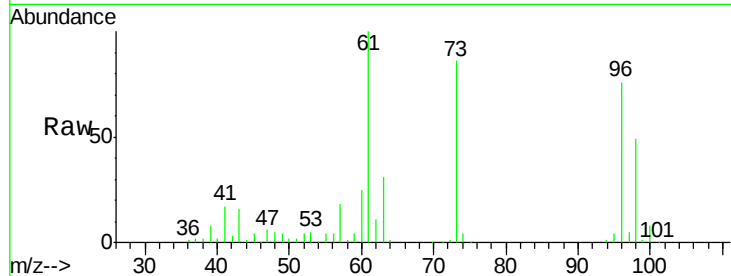
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	160257
Ion Ratio	Lower	Upper	
96	100		
61	130.7	101.4	152.0
98	63.6	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.698 ug/l

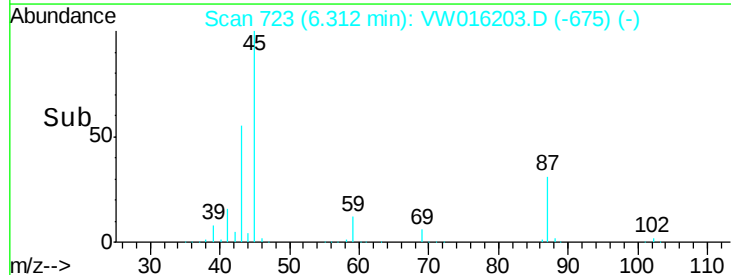
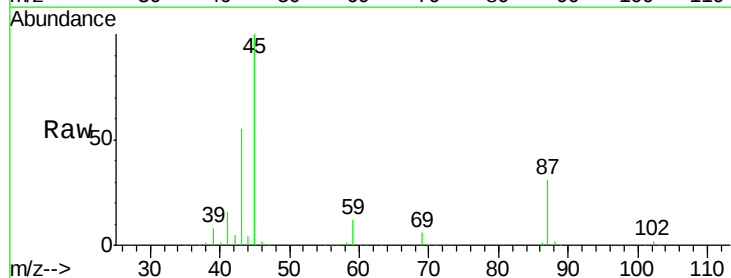
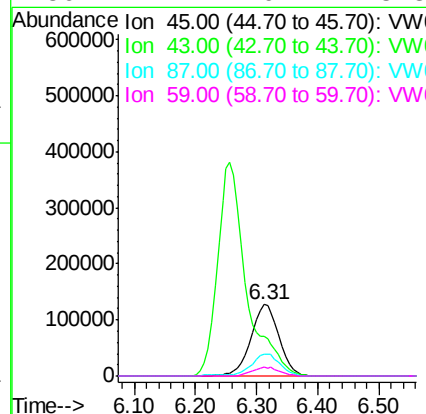
RT: 6.31 min Scan# 723

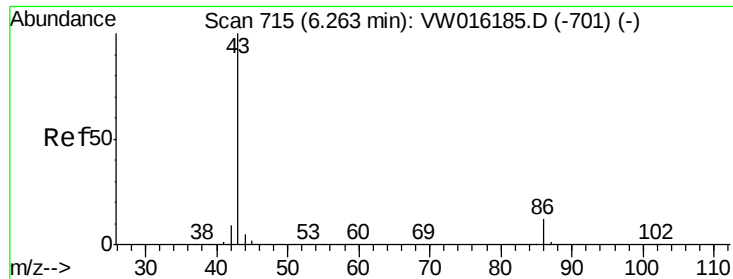
Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Tgt Ion:	45	Resp:	412076
Ion Ratio	Lower	Upper	
45	100		
43	54.4	41.7	62.5
87	31.3	25.0	37.6
59	12.4	9.2	13.8





#23

Vinyl Acetate

Concen: 300.648 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1251193

Ion Ratio Lower Upper

43 100

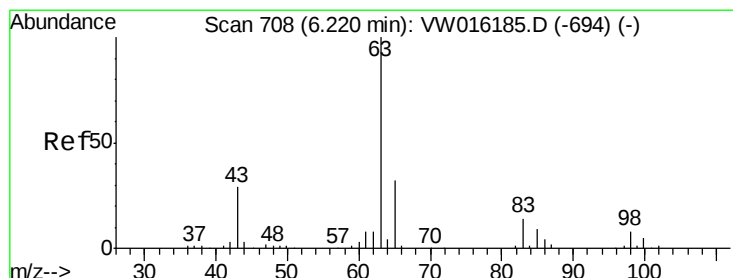
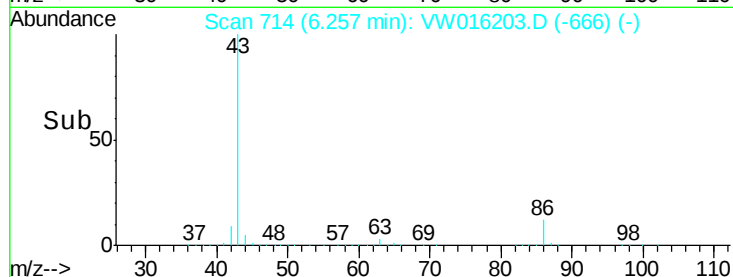
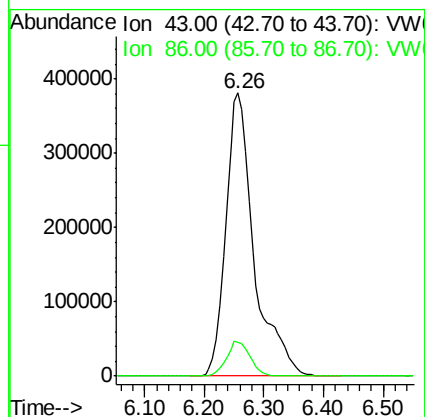
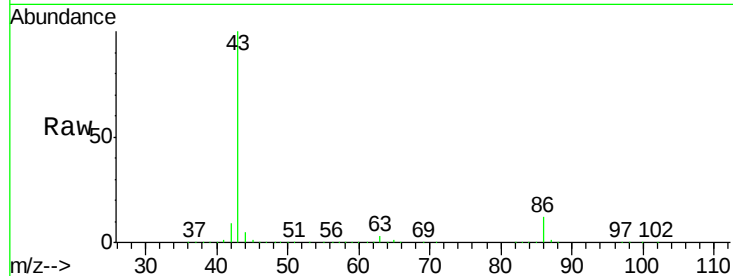
86 12.0 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 51.733 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

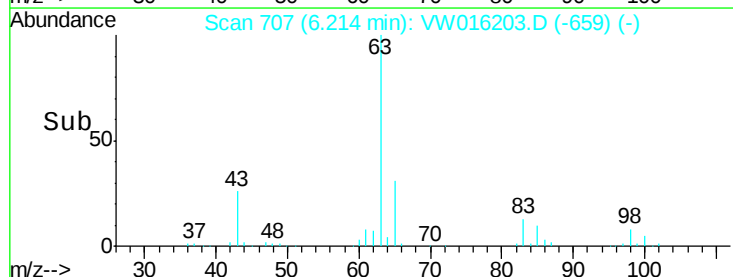
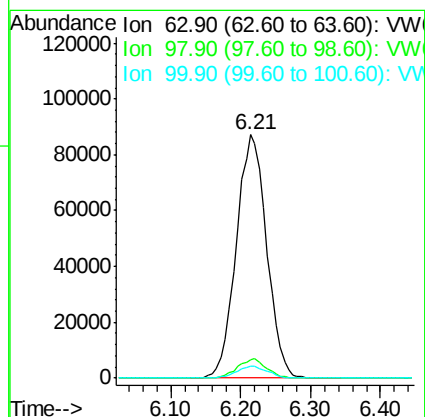
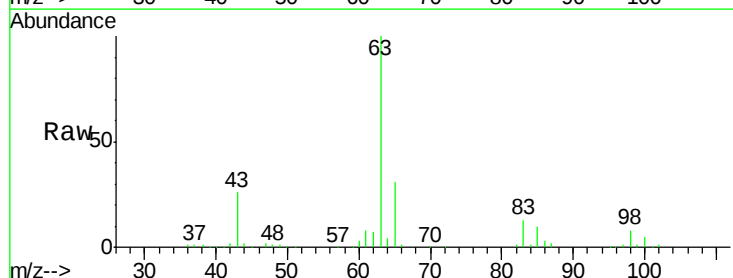
Tgt Ion: 63 Resp: 262425

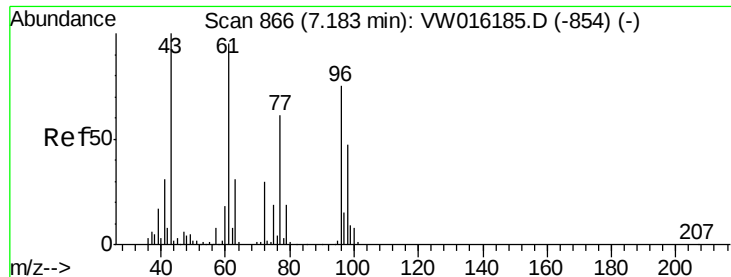
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.0 2.6 8.0





#25

2-Butanone

Concen: 294.816 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 193995

Ion Ratio Lower Upper

43 100

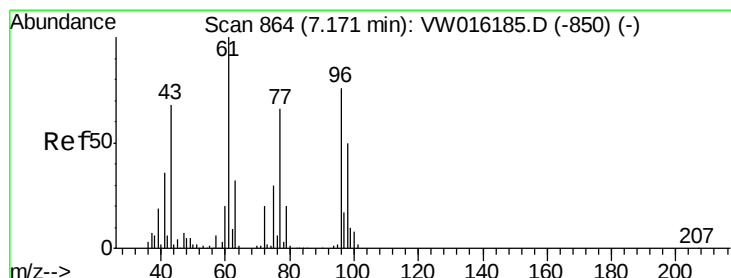
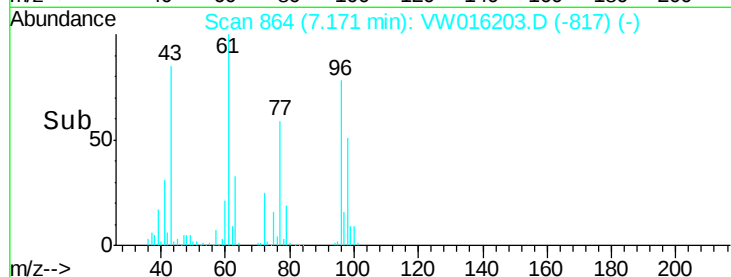
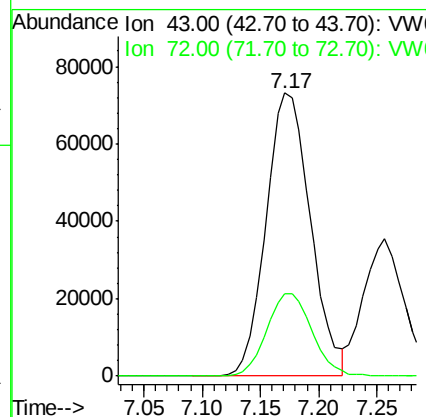
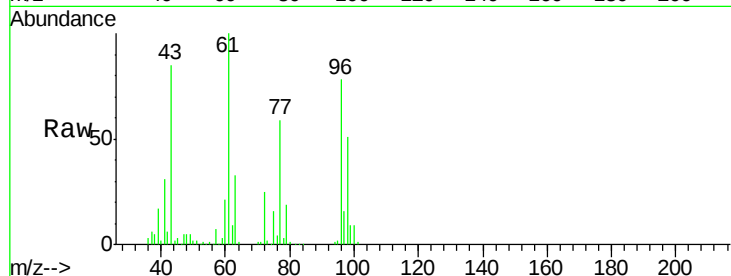
72 29.3 24.2 36.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.830 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016203.D

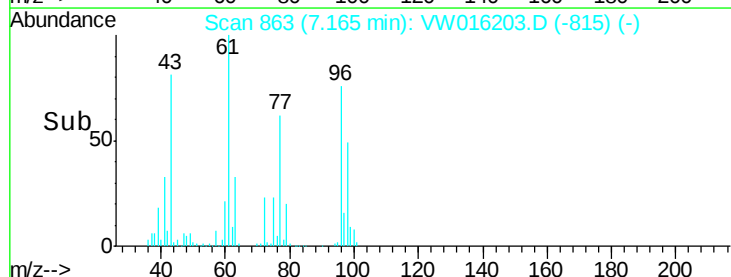
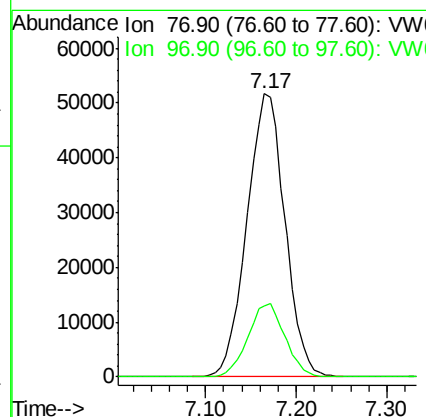
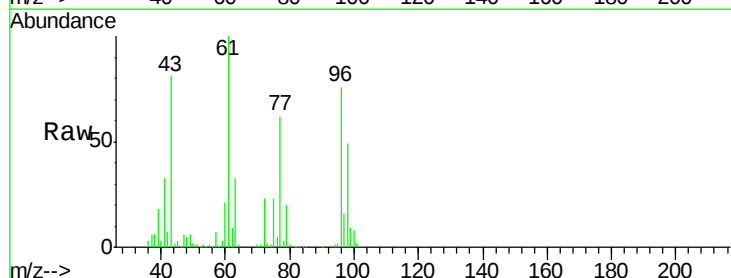
Acq: 14 Aug 2020 20:04

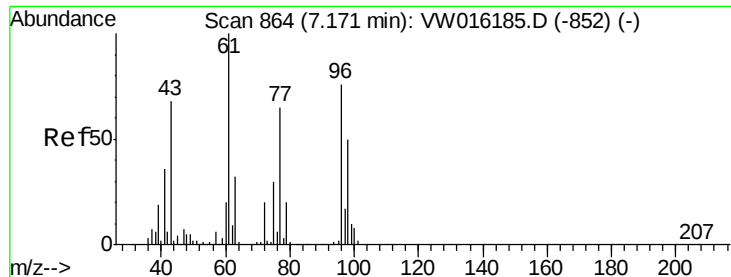
Tgt Ion: 77 Resp: 150173

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3





#27

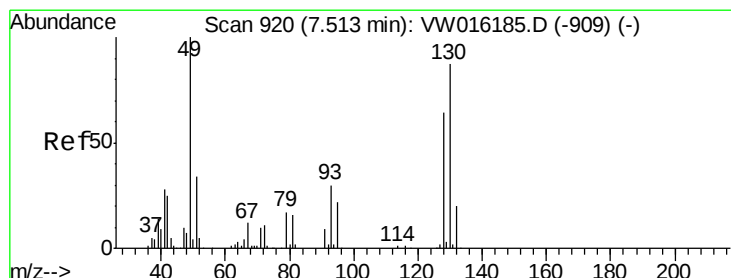
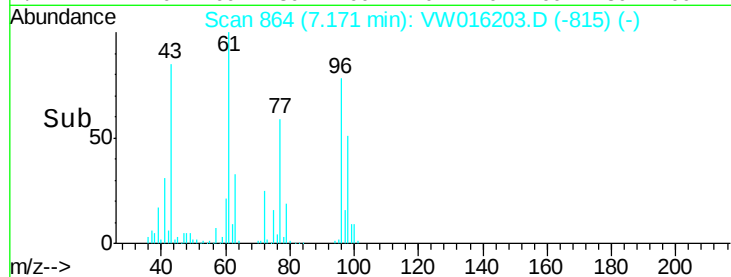
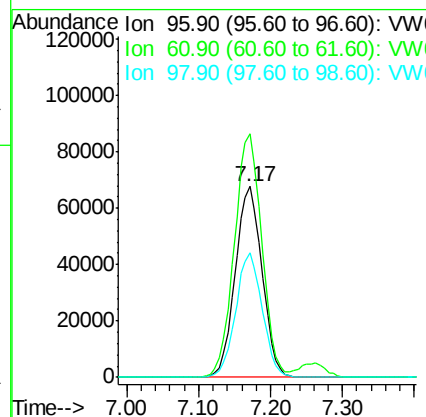
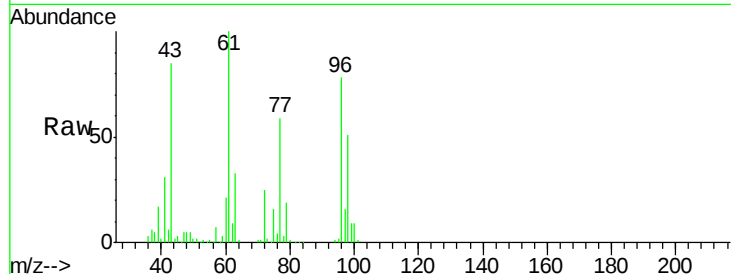
cis-1,2-Dichloroethene
Concen: 54.231 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	175400		
61	130.6	0.0	267.0	
98	64.4	0.0	129.6	

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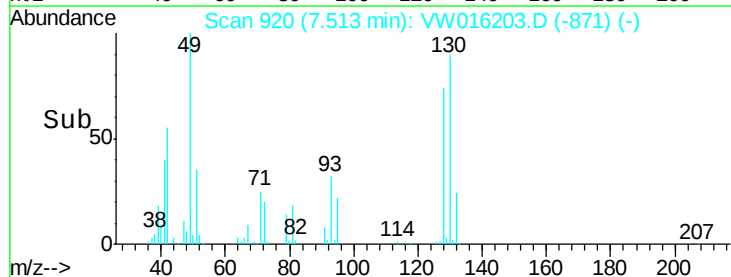
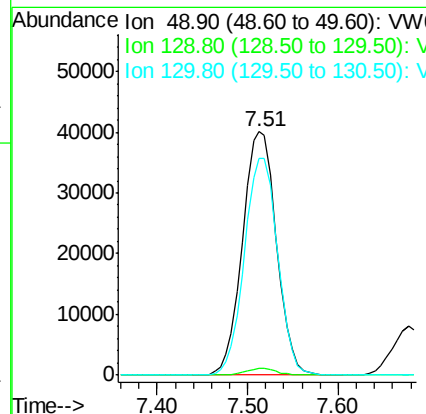
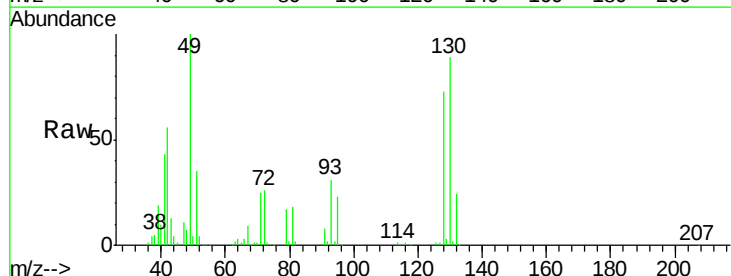
MMDadoda
8/17/2020 5:46:40 PM

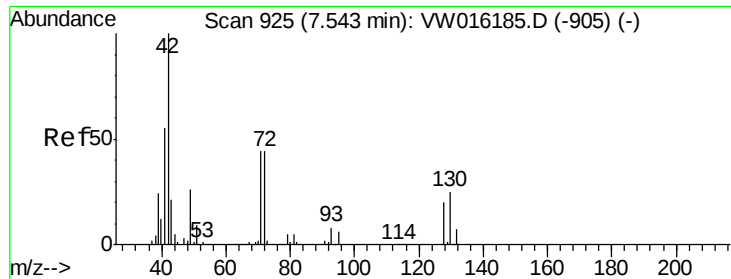


#28

Bromochloromethane
Concen: 54.038 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103998		
129	2.4	0.0	4.2	
130	87.6	69.9	104.9	





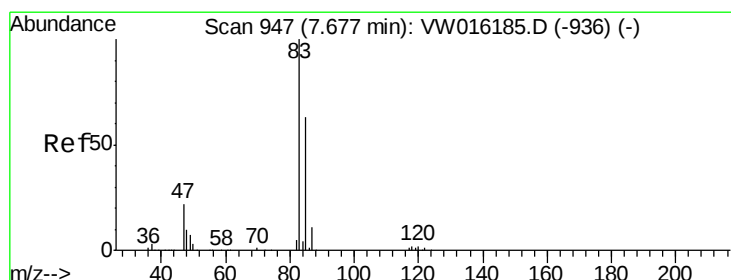
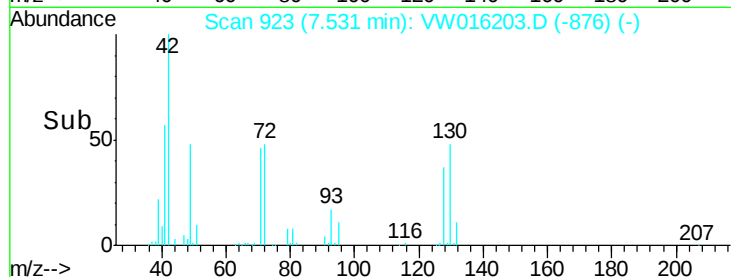
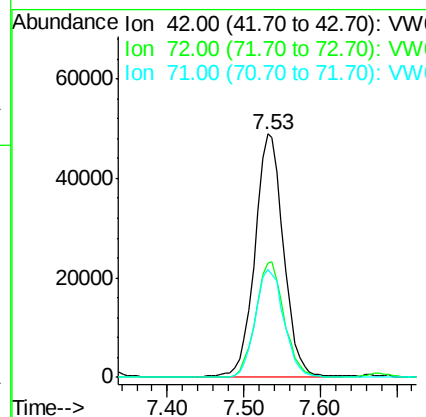
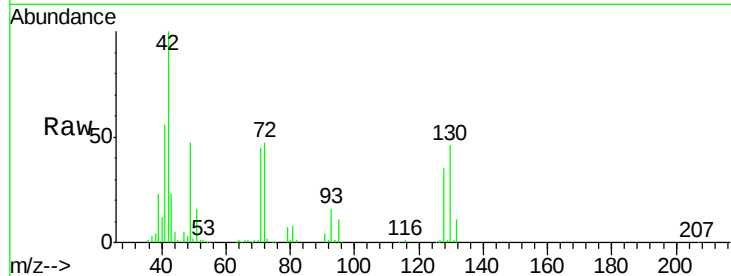
#29
Tetrahydrofuran
Concen: 325.904 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.4	56.2
71	44.3	35.6	53.4

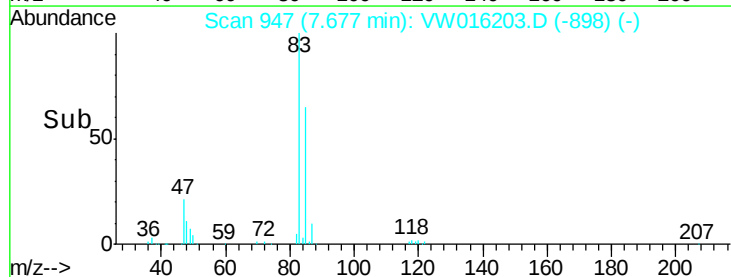
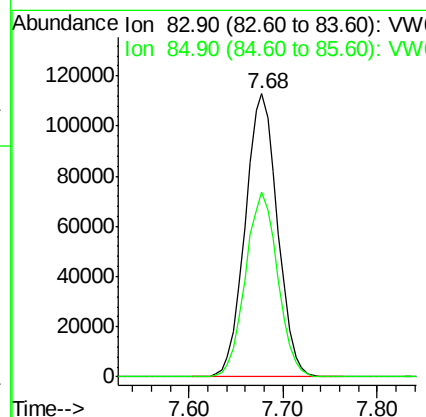
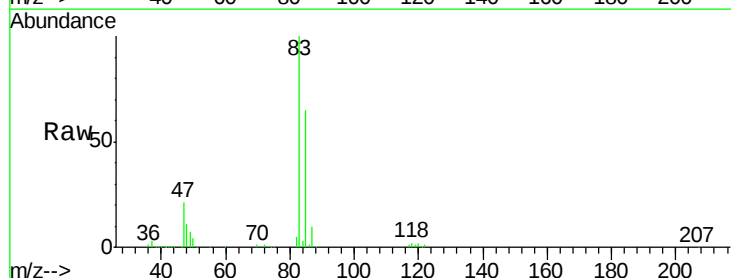
Manual Integrations
APPROVED

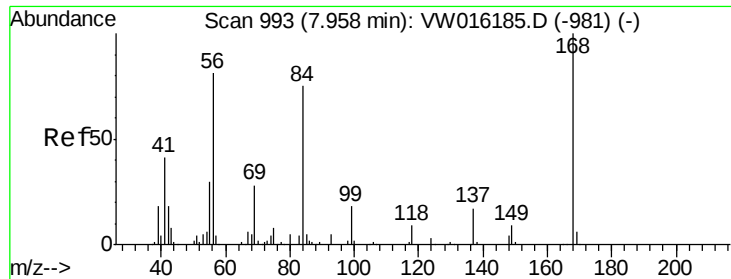
MMDadoda
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#30
Chloroform
Concen: 51.342 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.0	75.0





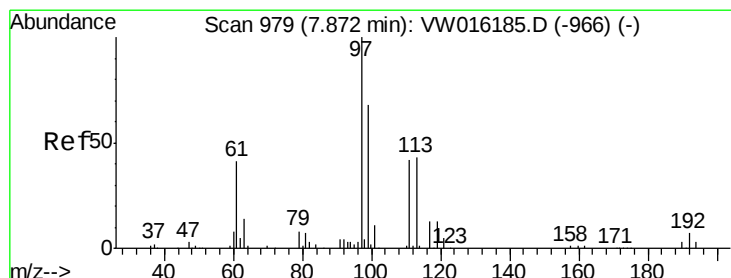
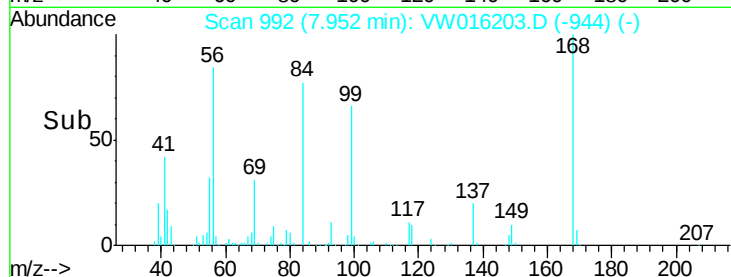
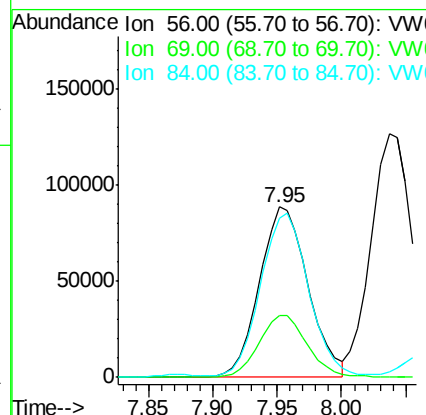
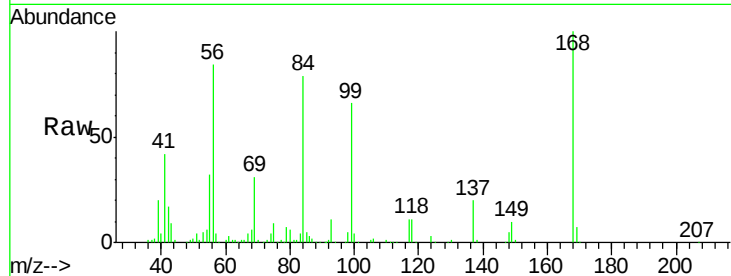
#31
Cyclohexane
Concen: 49.572 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.5	27.3	40.9
84	92.2	73.5	110.3

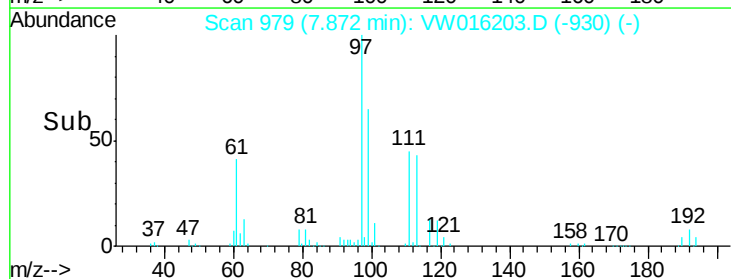
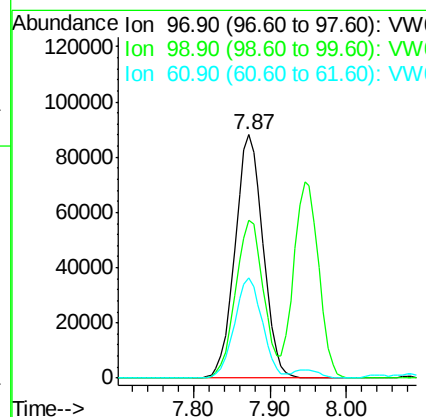
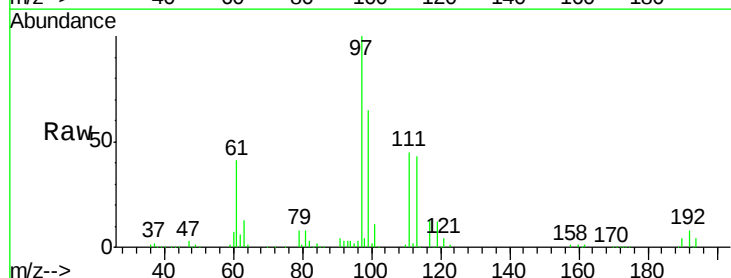
Manual Integrations
APPROVED

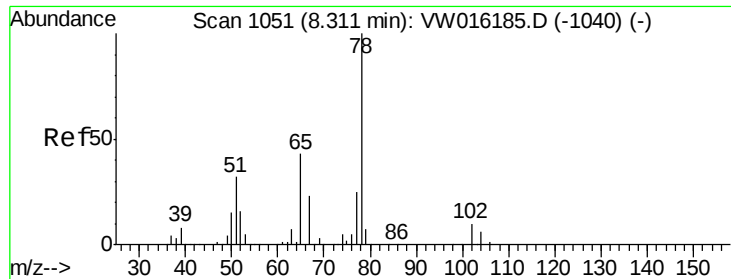
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#32
1,1,1-Trichloroethane
Concen: 50.234 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	41.0	33.2	49.8





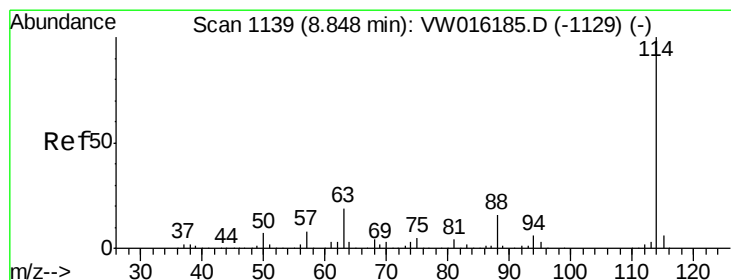
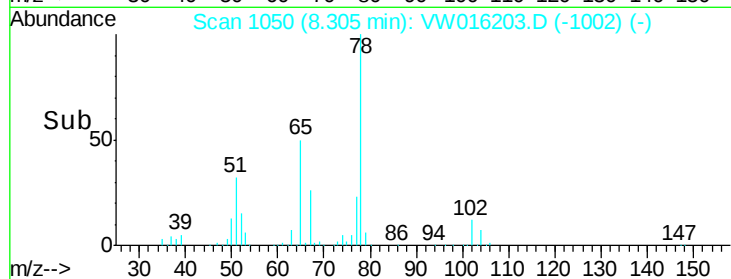
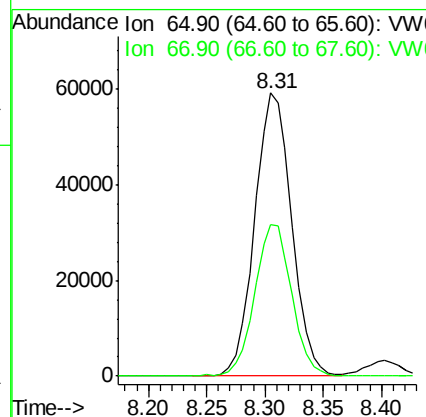
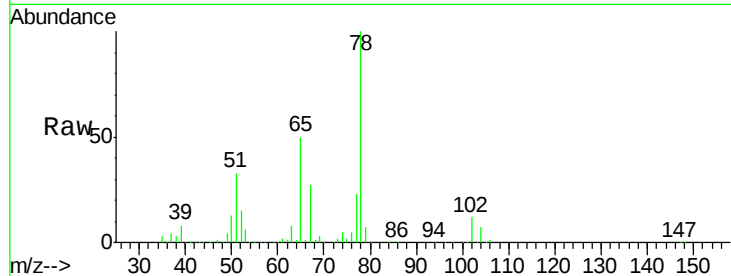
#33
 1,2-Dichloroethane-d4
 Concen: 51.120 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	131021		
67	53.6	0.0	105.6	

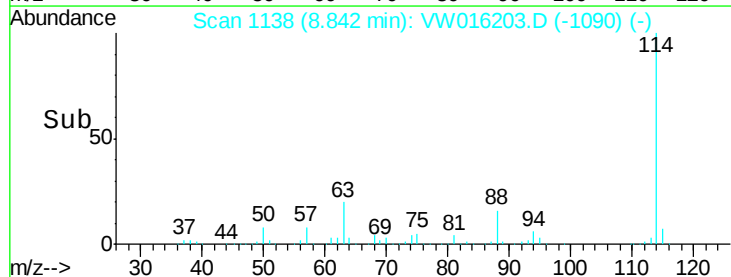
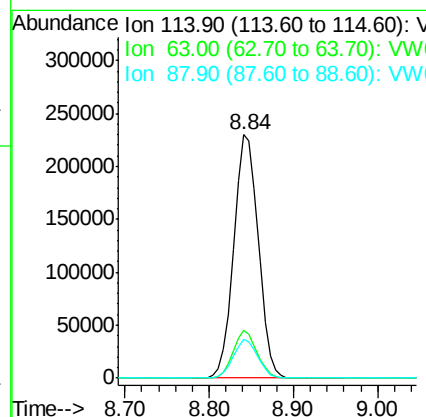
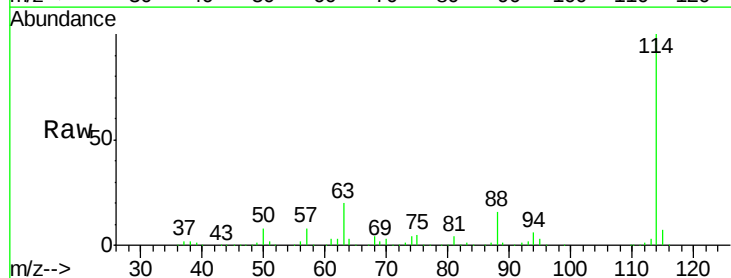
Manual Integrations
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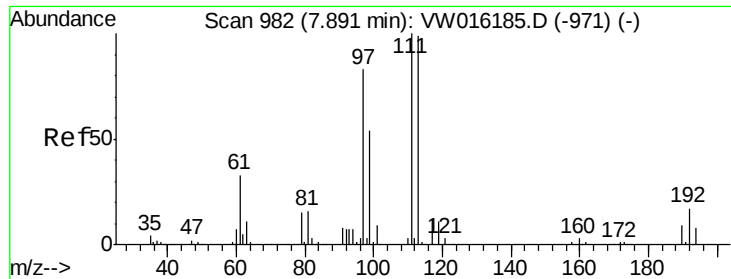
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 8/17/2020 5:46:40 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	452049		
63	19.7	0.0	38.4	
88	15.7	0.0	32.8	





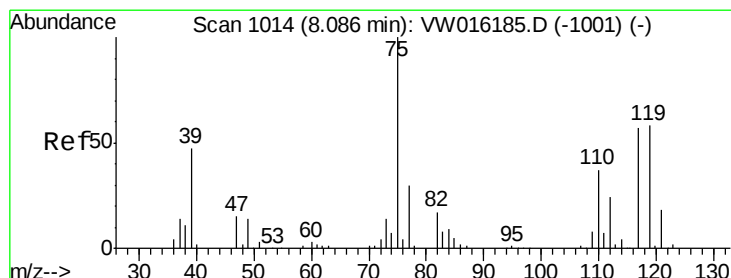
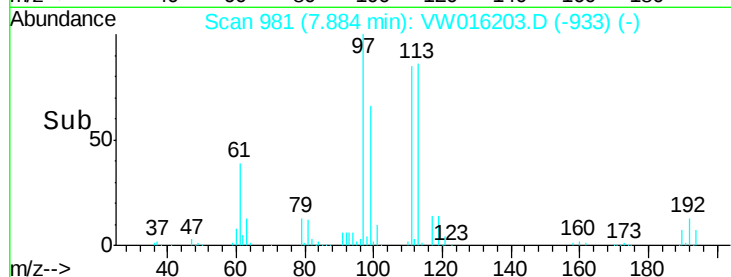
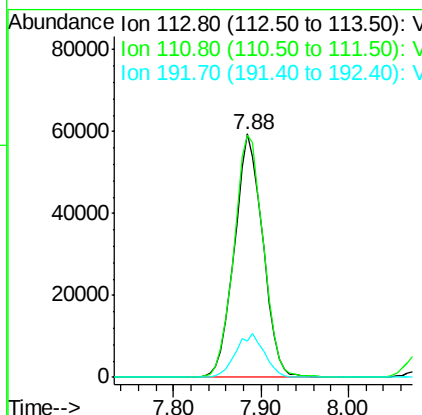
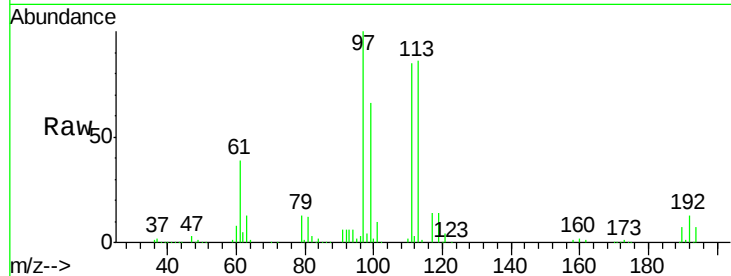
#35
 Dibromofluoromethane
 Concen: 48.142 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134277		
111	103.0	83.5	125.3	
192	18.3	14.3	21.5	

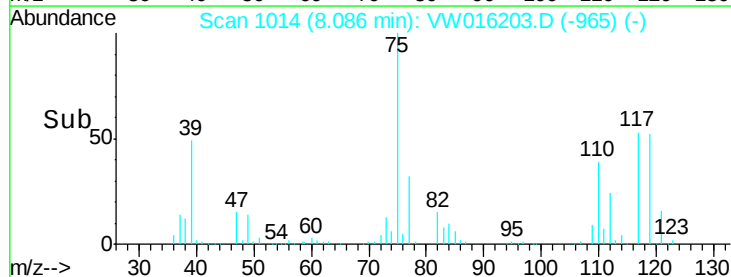
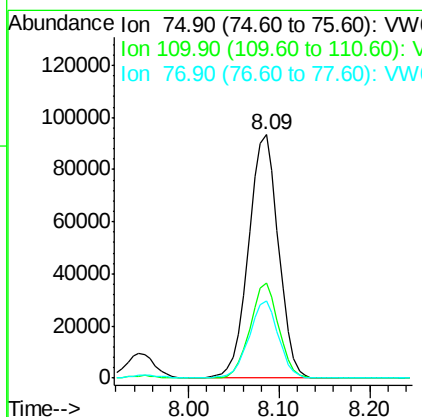
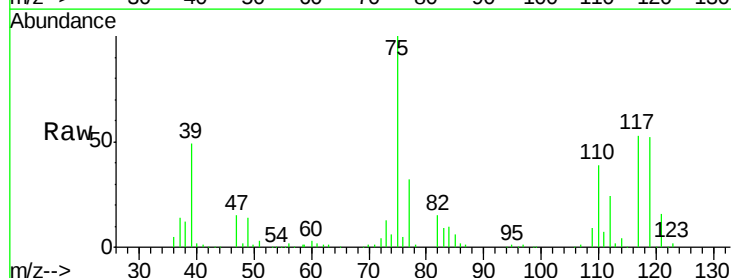
Manual Integrations
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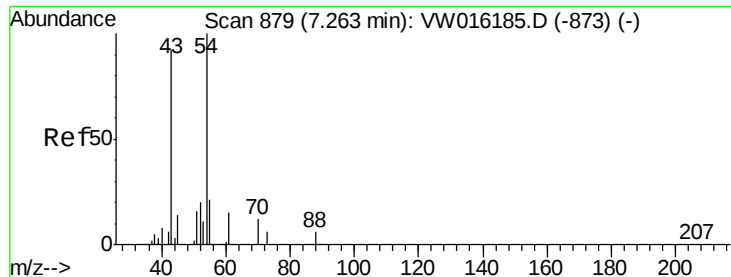
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#36
 1,1-Dichloropropene
 Concen: 47.722 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	212520		
110	37.3	18.1	54.3	
77	31.5	24.7	37.1	





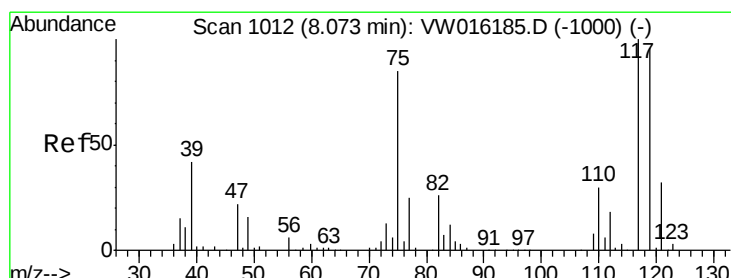
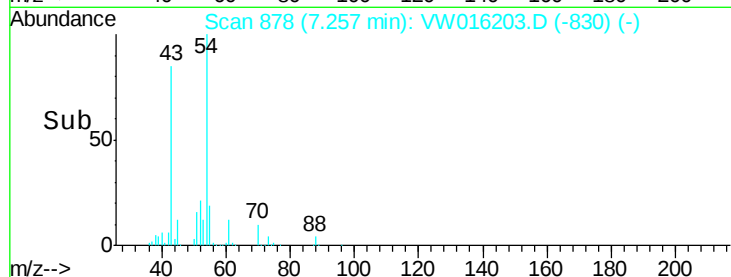
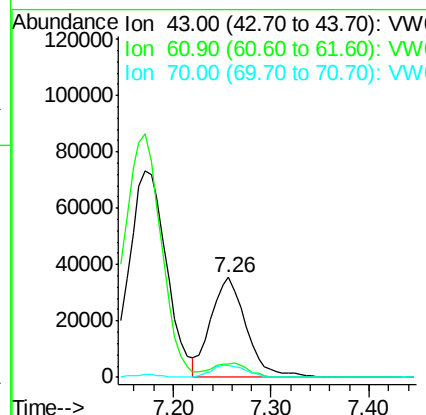
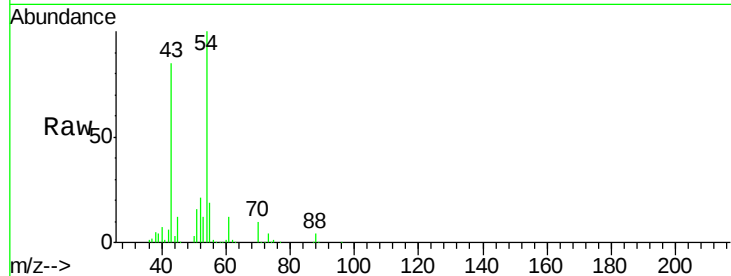
#37
Ethyl Acetate
Concen: 58.091 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.6	18.8
70	12.1	9.8	14.8

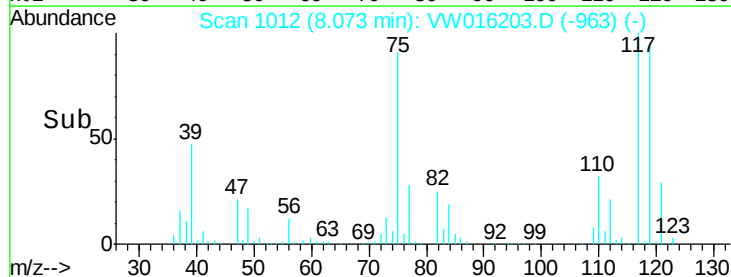
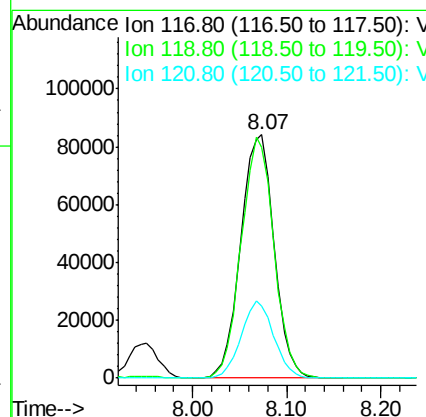
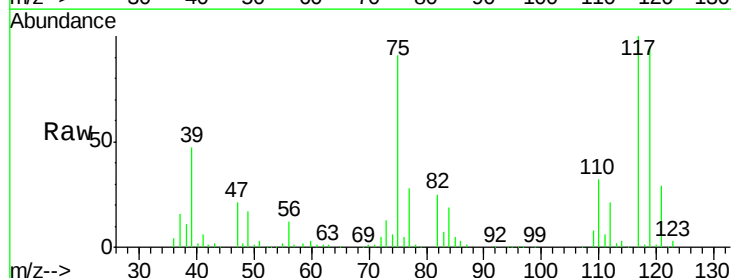
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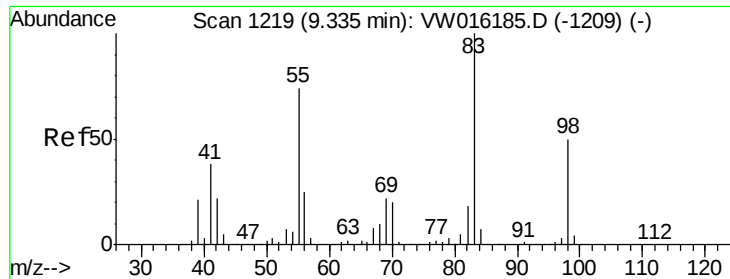
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#38
Carbon Tetrachloride
Concen: 47.017 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	115.0
121	29.5	25.4	38.0





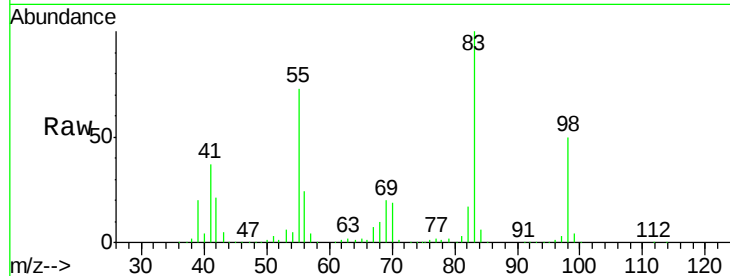
#39
Methvlcvclohexane
Concen: 51.358 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

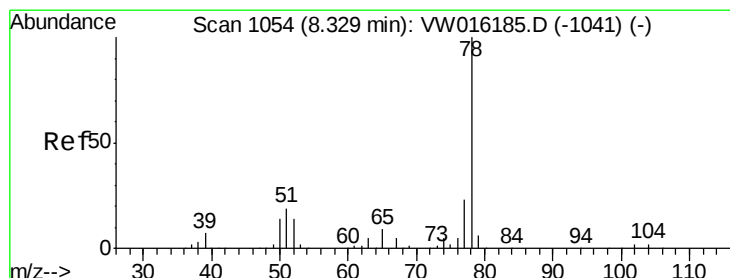
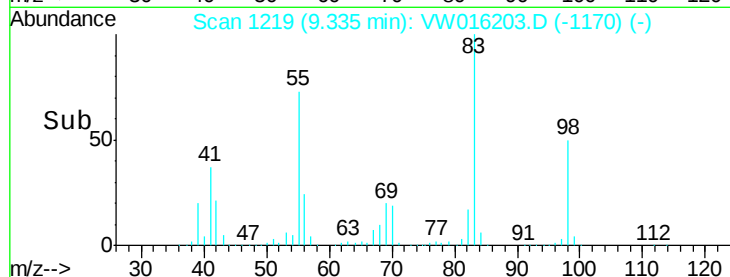
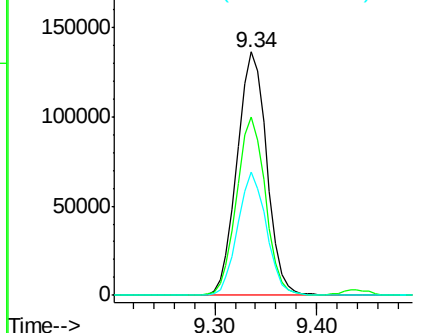
Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	59.2	88.8
98	50.5	40.2	60.2

Manual Integrations
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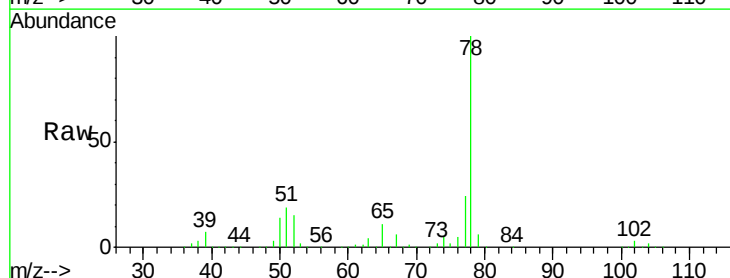


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

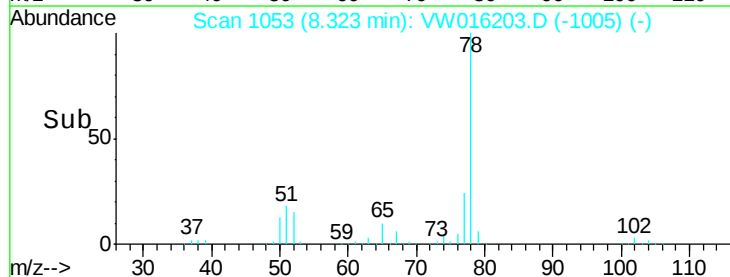
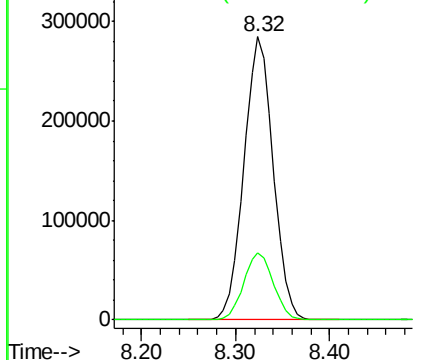


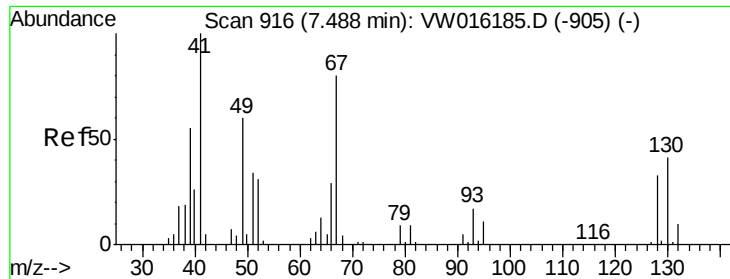
#40
Benzene
Concen: 49.397 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





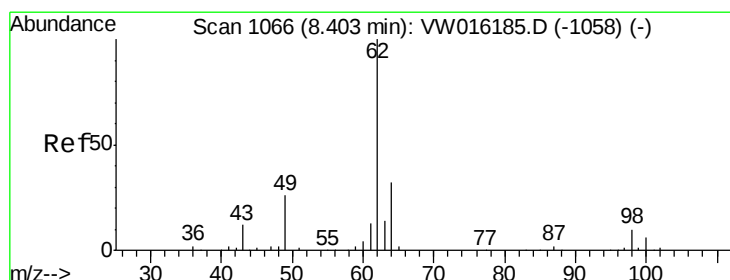
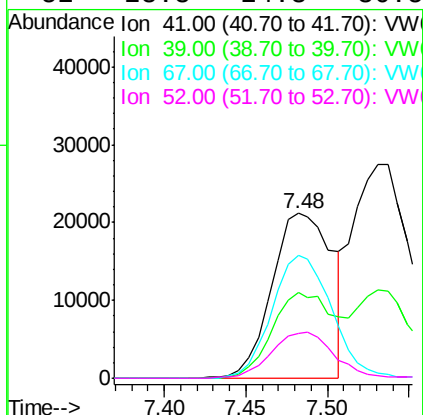
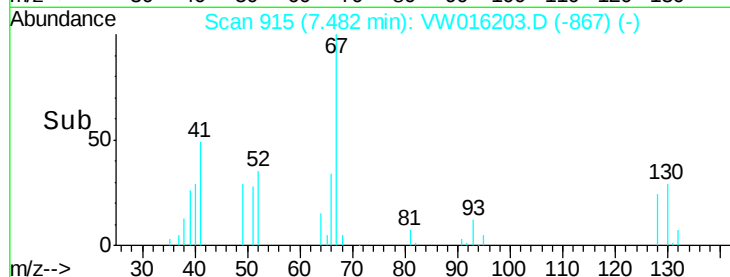
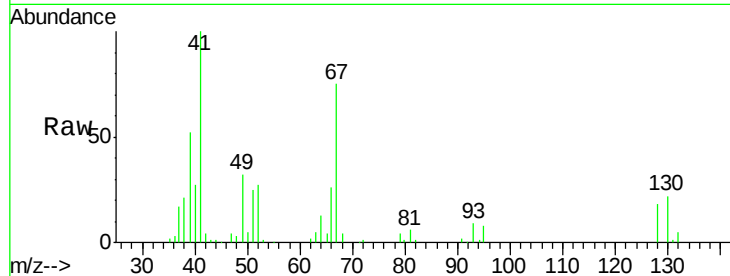
#41
Methacrylonitrile
Concen: 62.489 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	43.4	65.2	
67	74.0	61.5	92.3	
52	28.8	24.3	36.5	

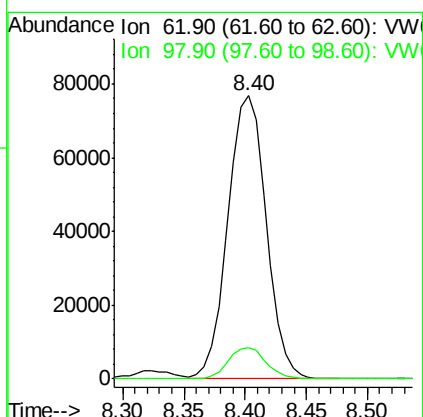
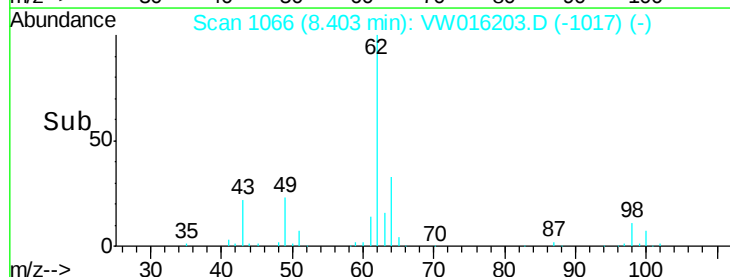
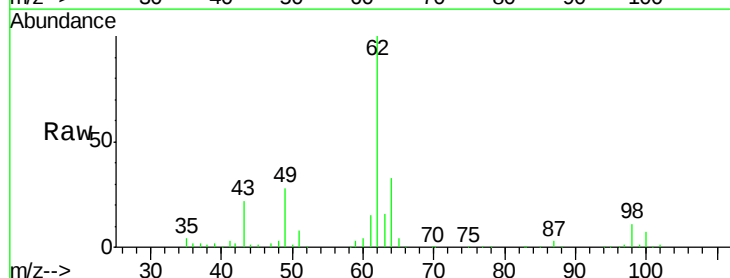
Manual Integrations
APPROVED

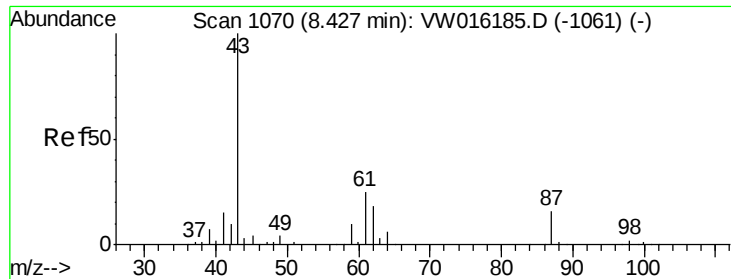
MMDadoda
8/17/2020 5:46:40 PM



#42
1,2-Dichloroethane
Concen: 50.458 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.0	0.0	20.8	





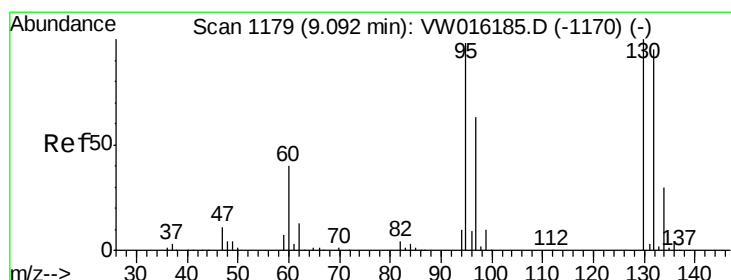
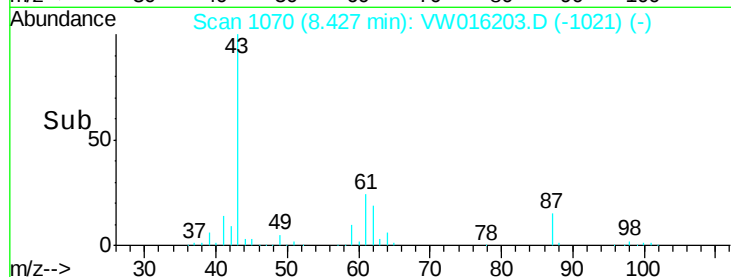
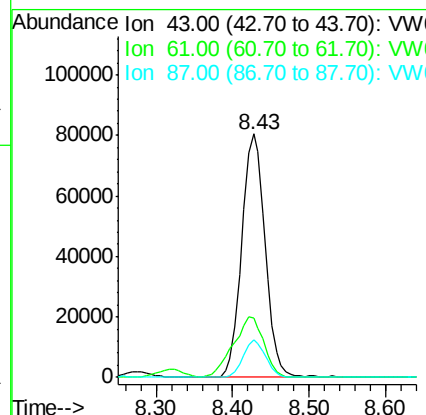
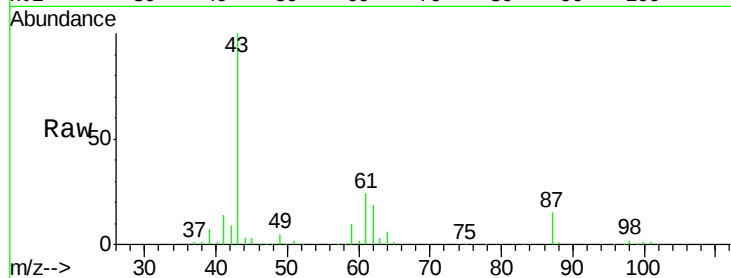
#43
Isopropyl Acetate
Concen: 59.255 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.5	26.9	40.3
87	14.8	12.0	18.0

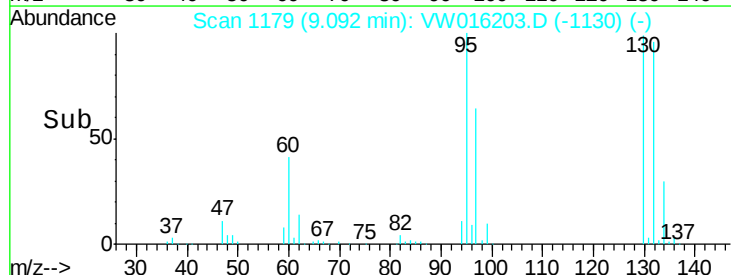
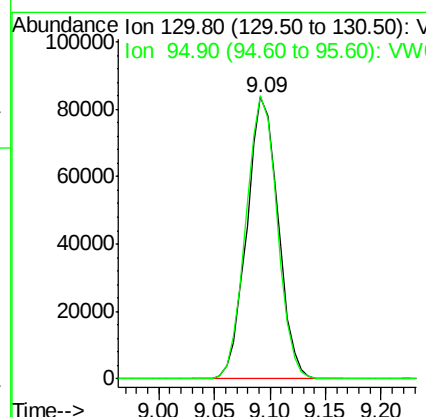
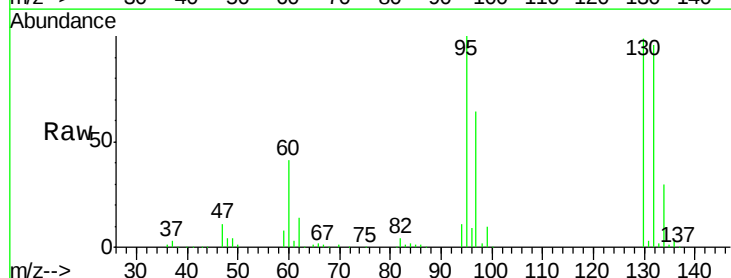
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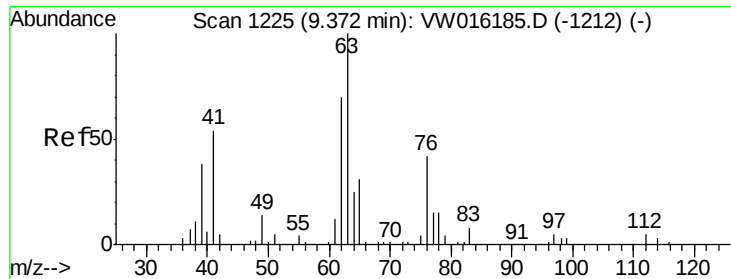
MMDadoda
8/17/2020 5:46:40 PM



#44
Trichloroethene
Concen: 46.193 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	196.4





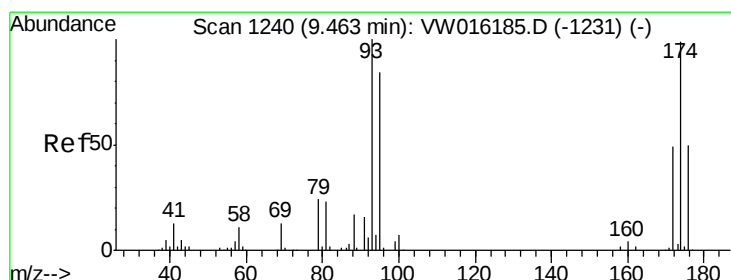
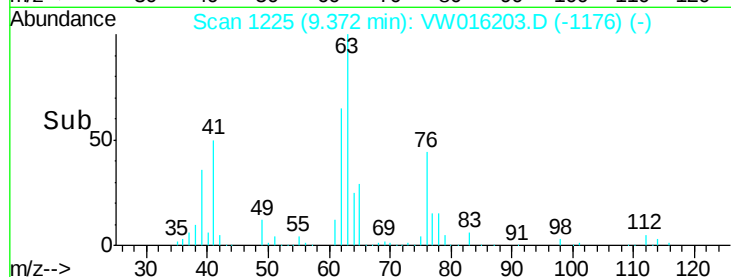
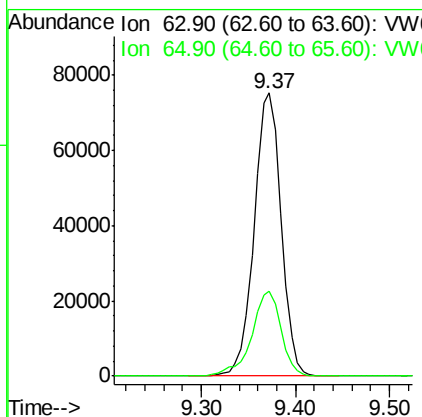
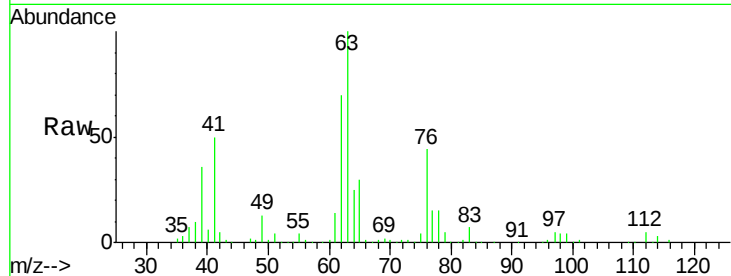
#45
 1,2-Dichloropropane
 Concen: 51.062 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 150797
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.0 37.6

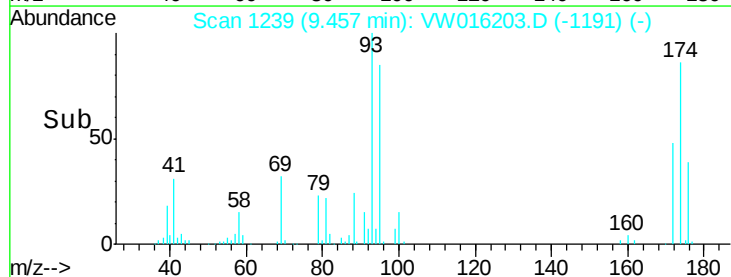
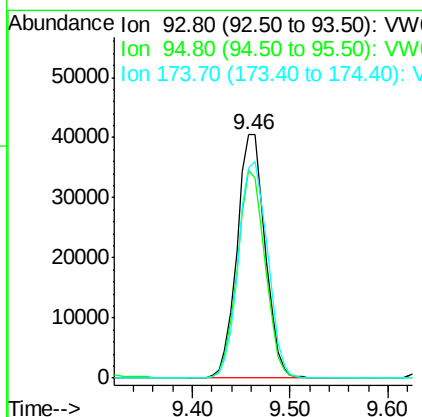
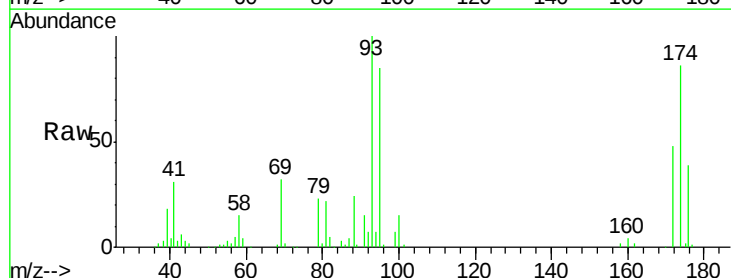
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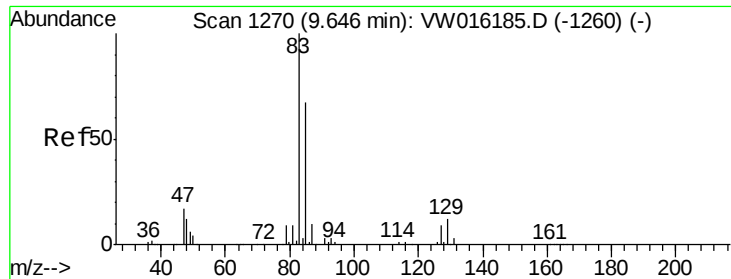
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#46
 Dibromomethane
 Concen: 52.255 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion: 93 Resp: 81018
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 92.4 77.0 115.6





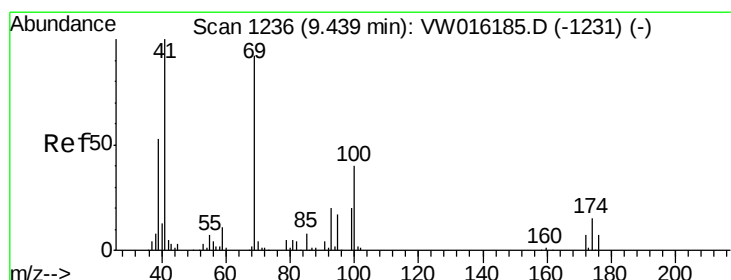
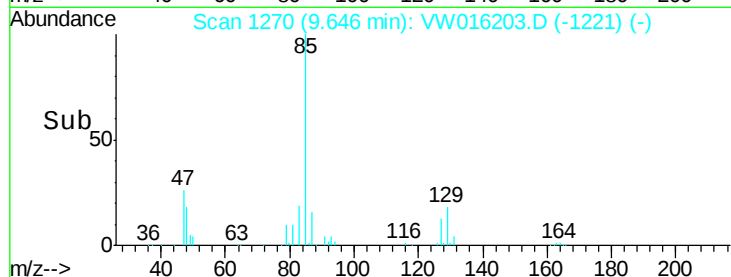
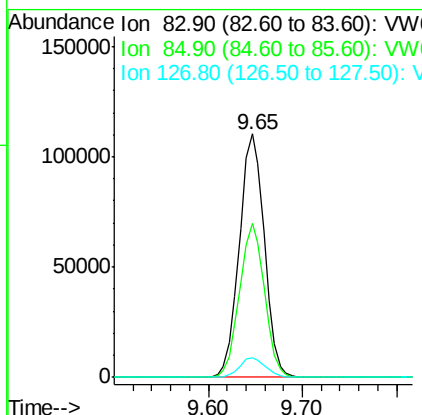
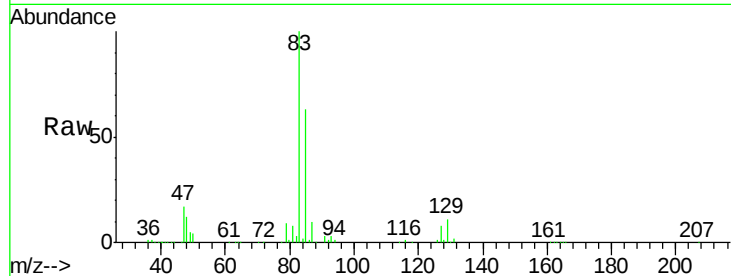
#47
Bromodichloromethane
Concen: 51.002 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	204302		
85	63.4	53.3	79.9	
127	8.2	7.4	11.2	

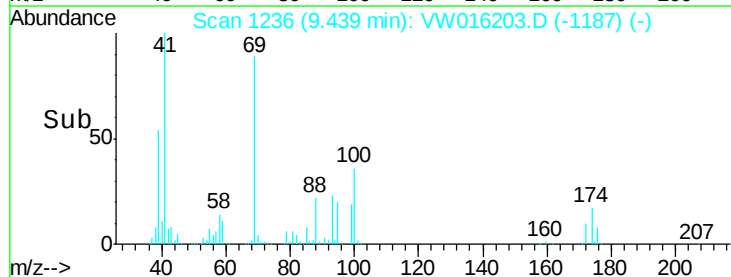
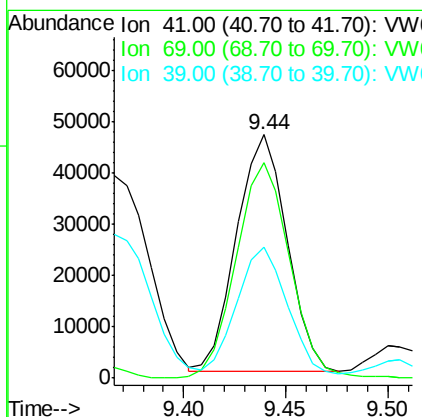
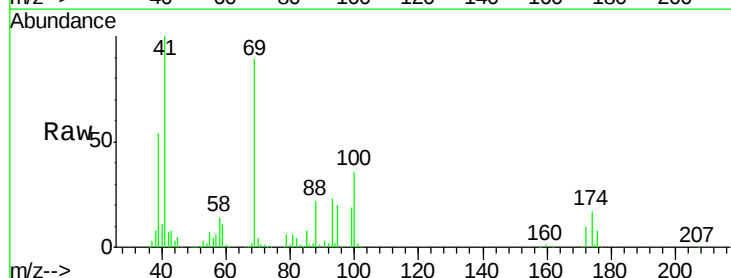
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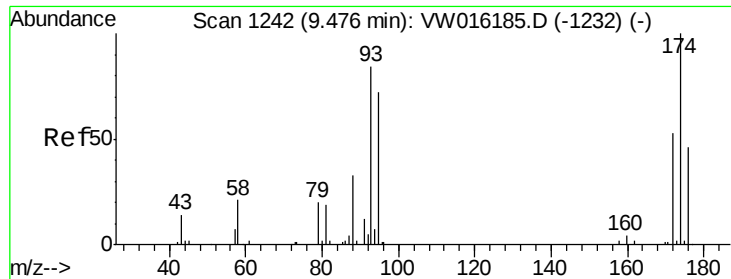
MMDadoda
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#48
Methyl methacrylate
Concen: 59.349 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	79254		
69	97.2	77.4	116.0	
39	53.3	42.2	63.2	





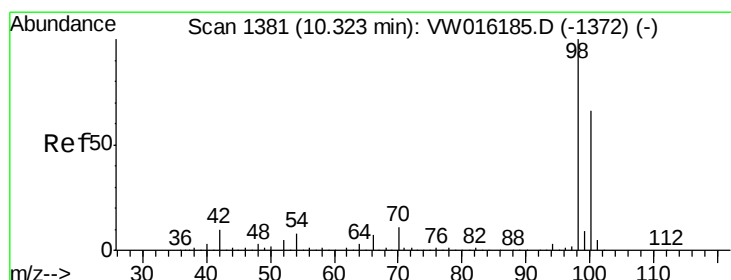
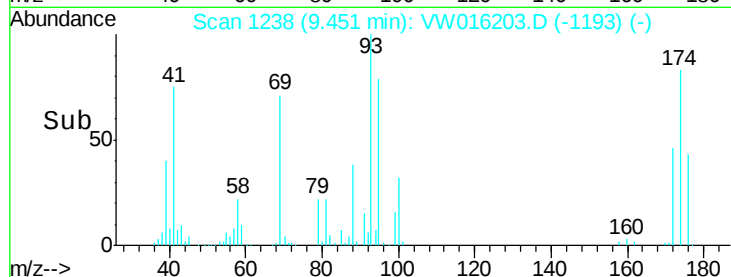
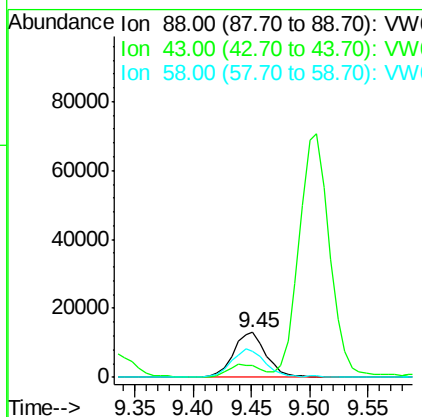
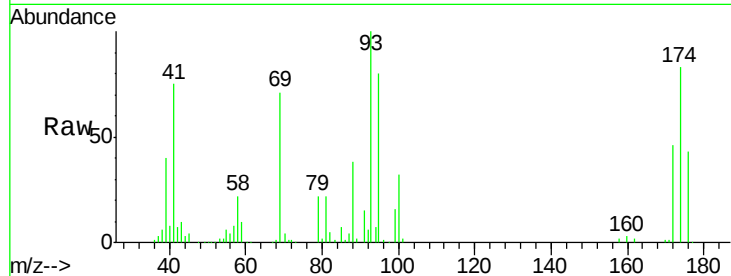
#49
1,4-Dioxane
Concen: 1318.901 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	25749
Ion	Ratio	Lower	Upper
88	100		
43	29.6	0.0	0.0#
58	65.2	56.6	84.8

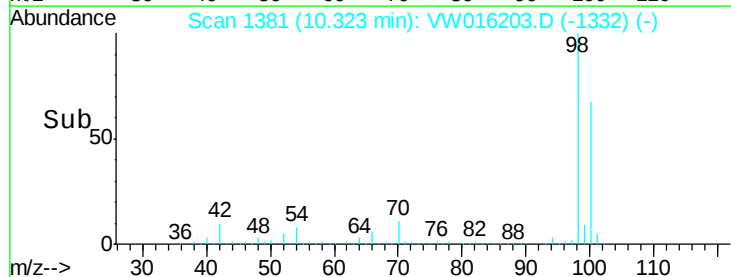
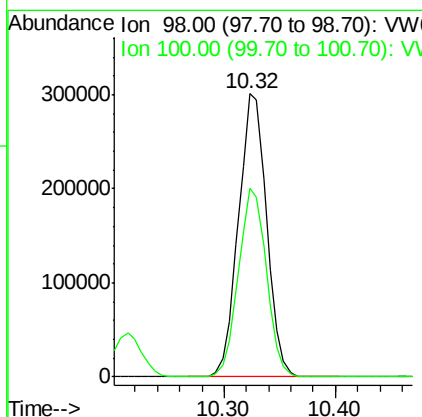
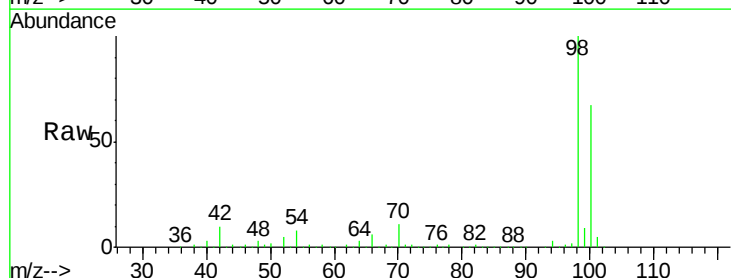
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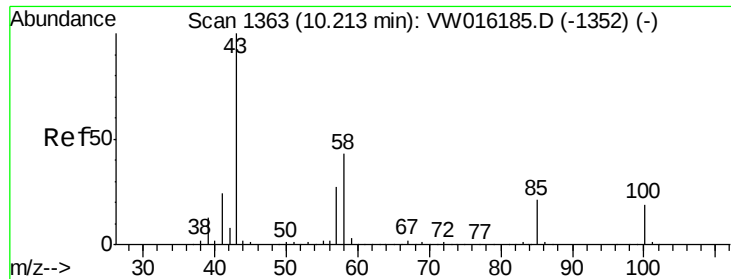
MMDadoda
8/17/2020 5:46:40 PM



#50
Toluene-d8
Concen: 48.879 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	98	Resp	527716
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 300.113 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 436017

Ion Ratio Lower Upper

43 100

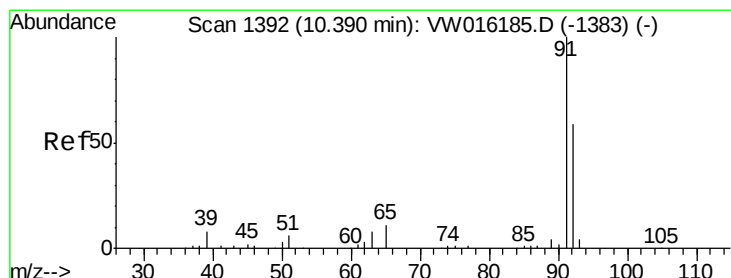
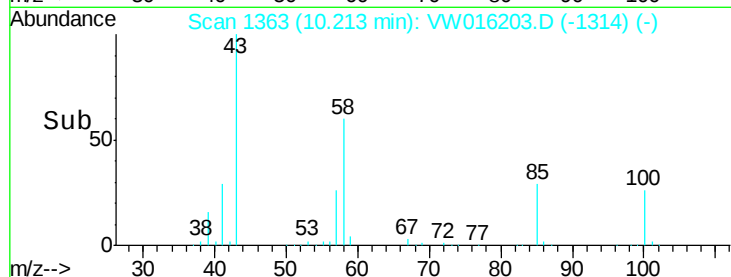
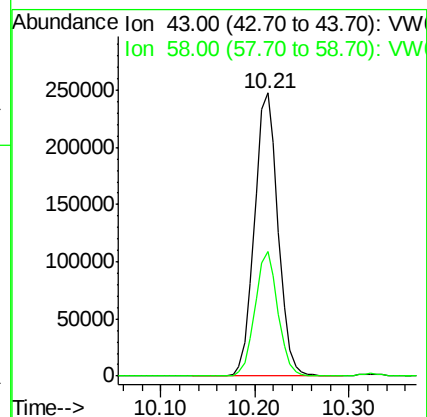
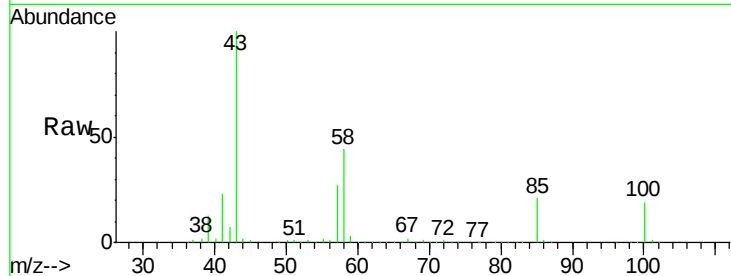
58 42.8 33.7 50.5

Manual Integrations

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#52

Toluene

Concen: 49.617 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016203.D

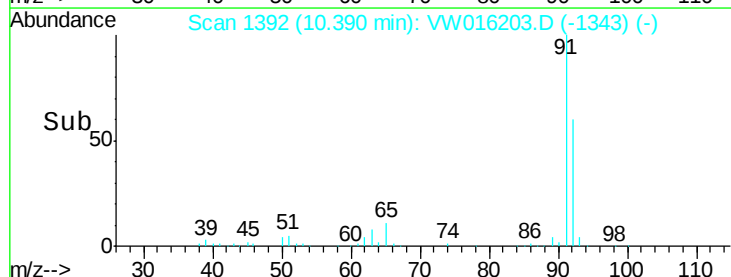
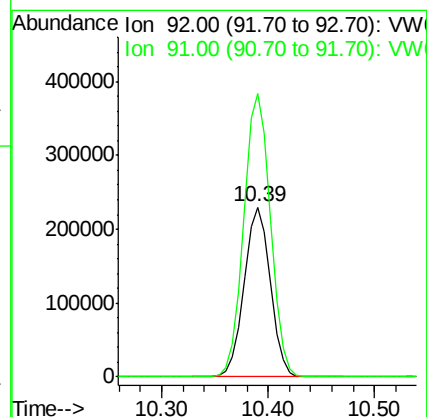
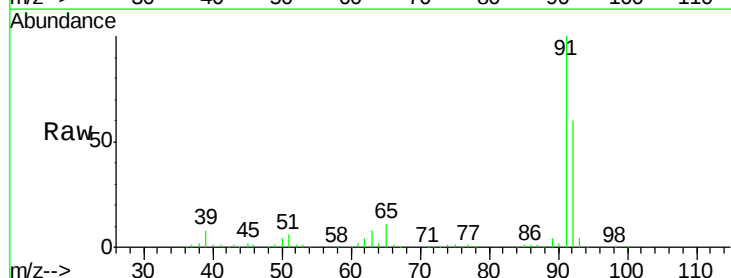
Acq: 14 Aug 2020 20:04

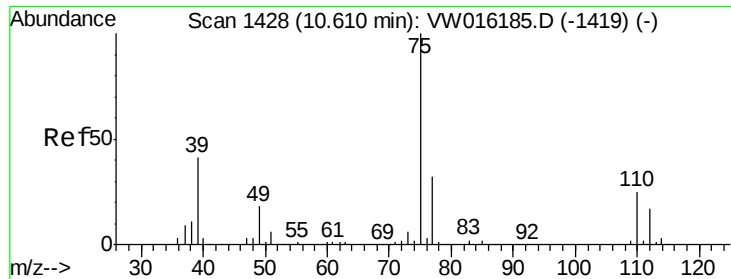
Tgt Ion: 92 Resp: 398037

Ion Ratio Lower Upper

92 100

91 169.6 133.3 199.9





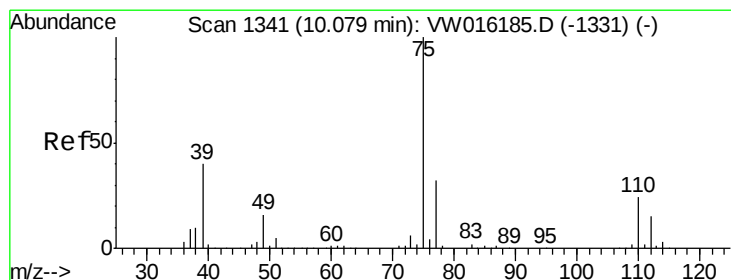
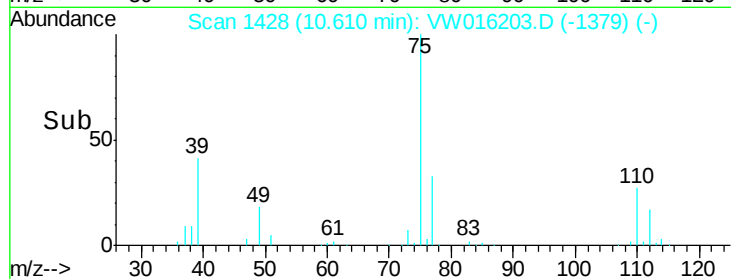
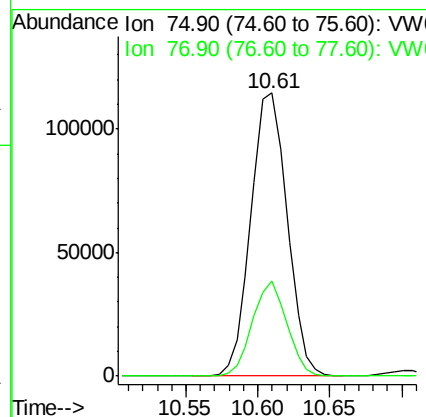
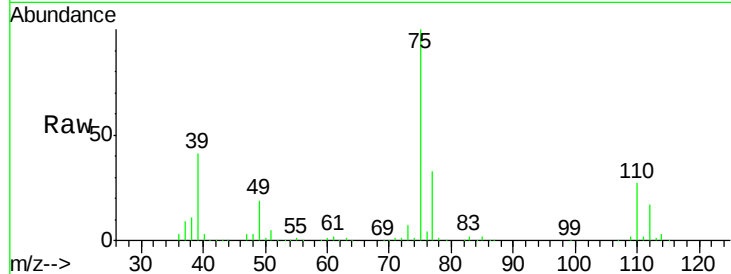
#53
 t-1,3-Dichloropropene
 Concen: 54.046 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.6	38.4

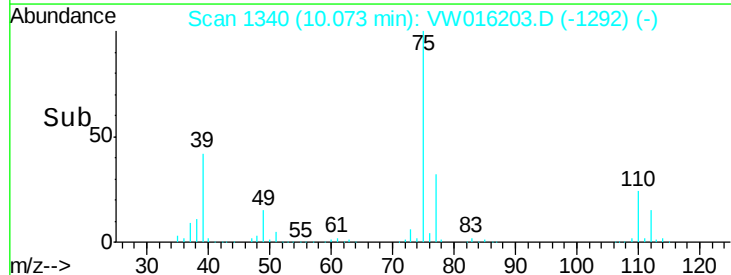
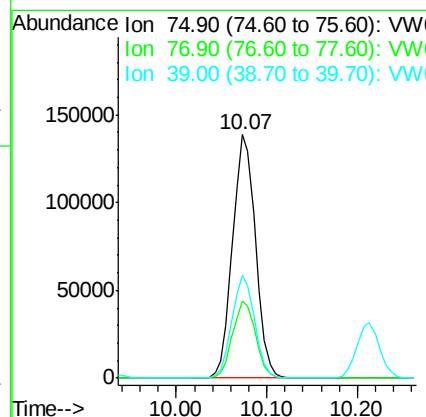
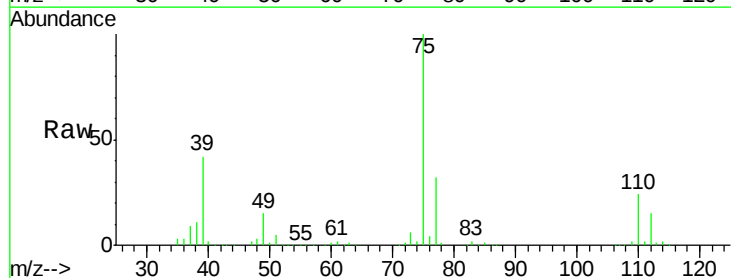
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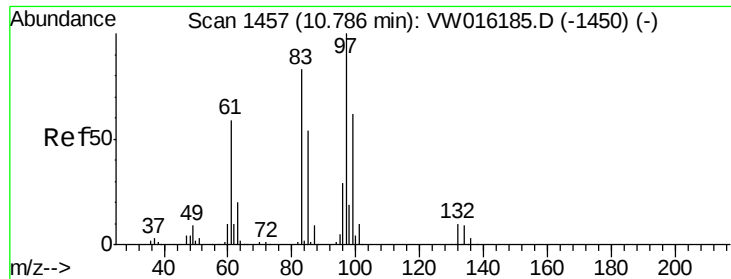
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#54
 cis-1,3-Dichloropropene
 Concen: 52.900 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	42.0	32.3	48.5





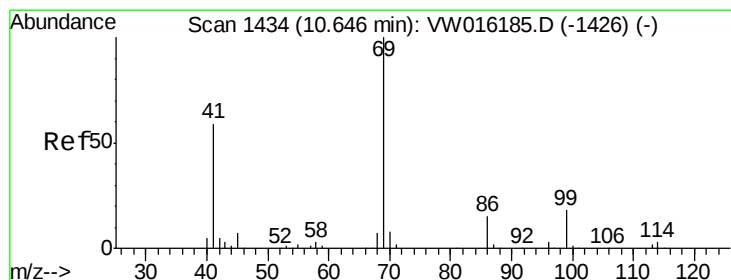
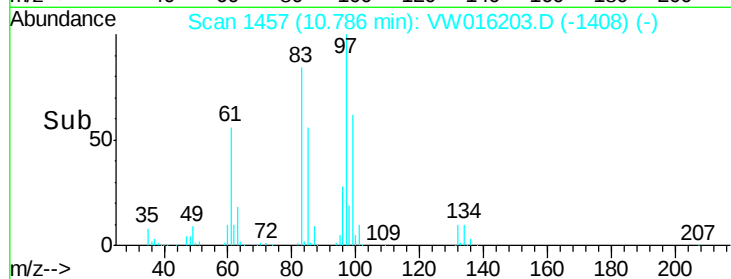
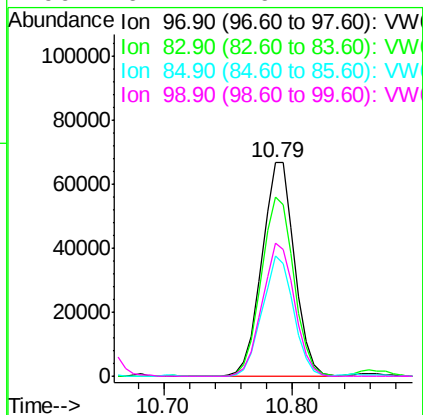
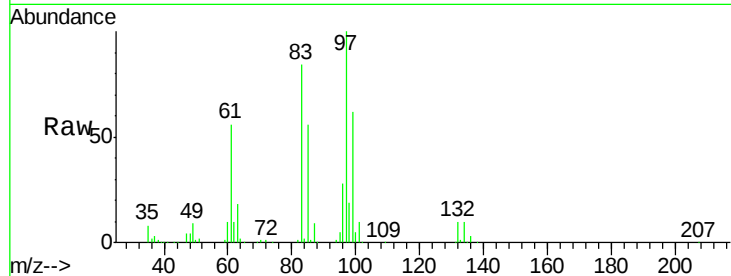
#55
 1,1,2-Trichloroethane
 Concen: 52.551 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		116907		
83	83.6	66.6	100.0		
85	56.1	43.0	64.4		
99	62.1	49.4	74.2		

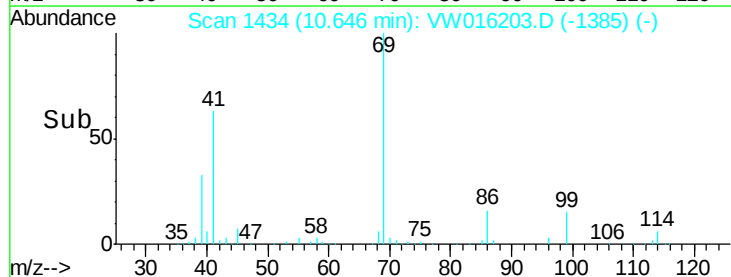
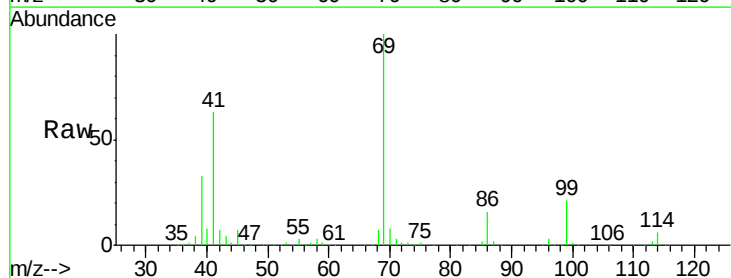
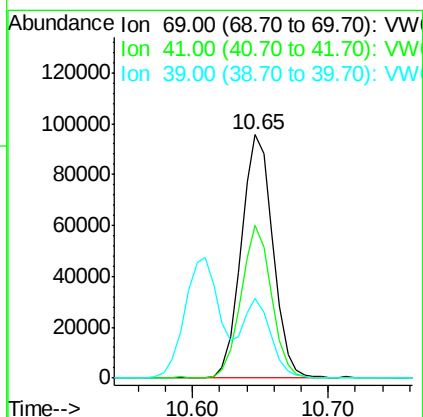
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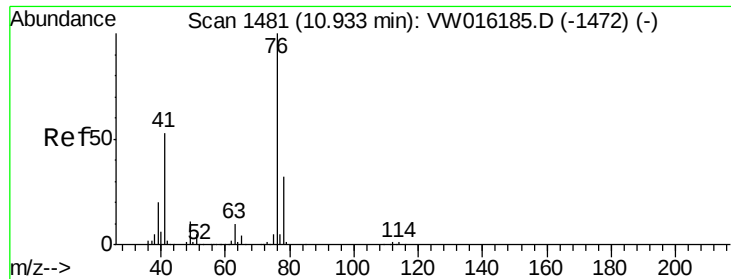
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#56
 Ethyl methacrylate
 Concen: 61.236 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		155354		
41	59.7	47.6	71.4		
39	30.0	24.6	36.8		





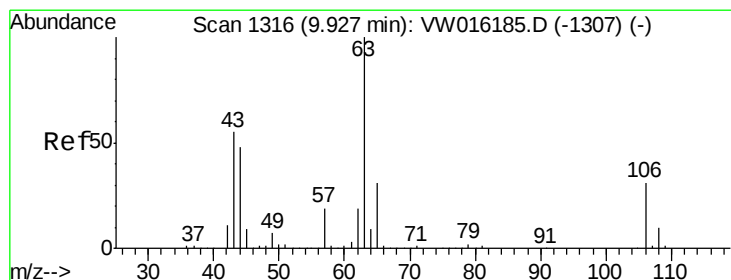
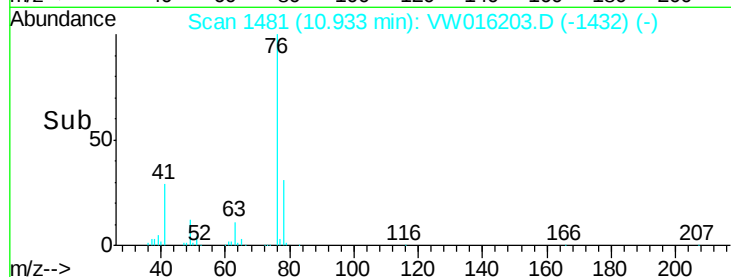
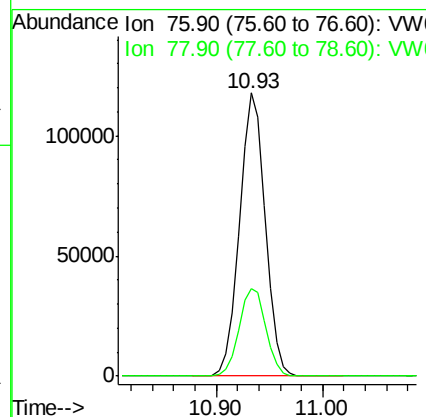
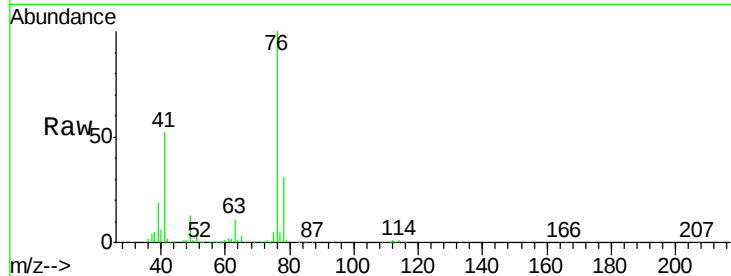
#57
 1,3-Dichloropropane
 Concen: 52.748 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

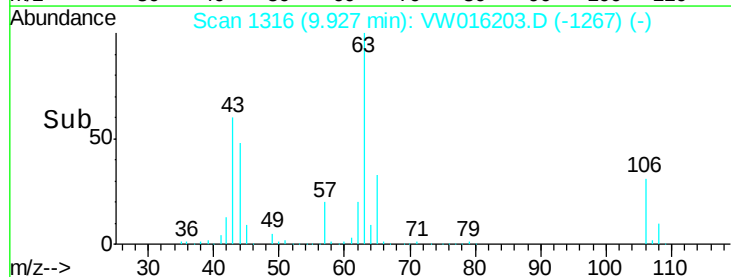
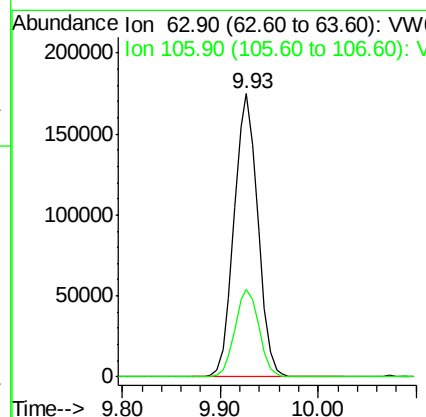
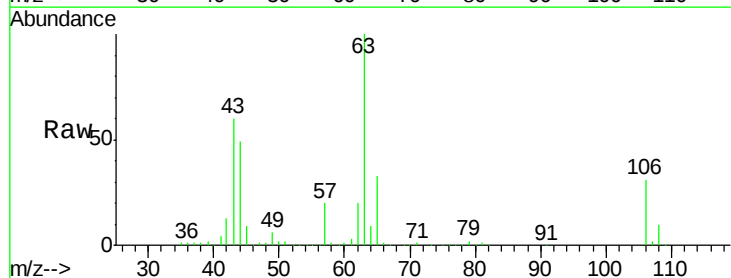
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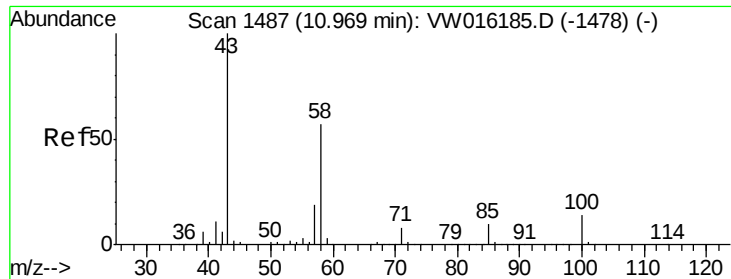
MMDadoda
 8/17/2020 5:46:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.359 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.3	24.9	37.3





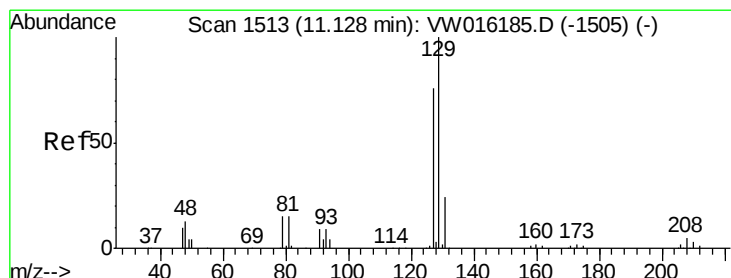
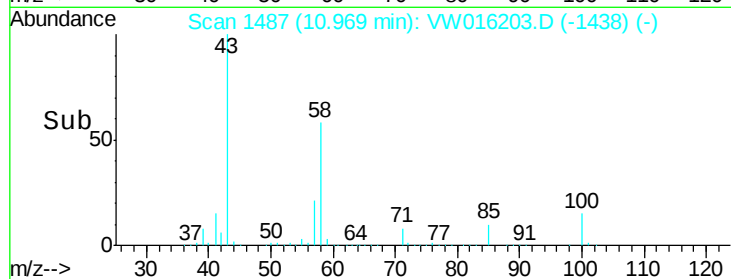
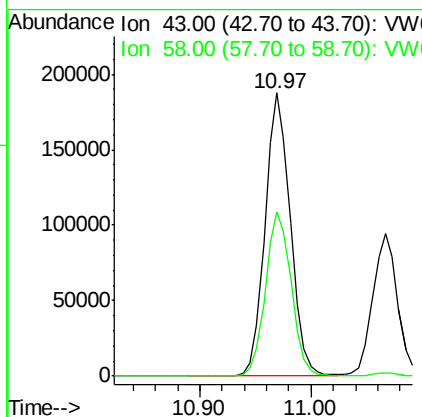
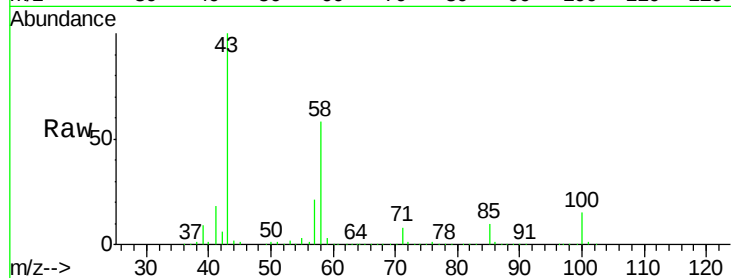
#59
2-Hexanone
Concen: 299.131 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 297306
Ion Ratio Lower Upper
43 100
58 59.0 28.8 86.5

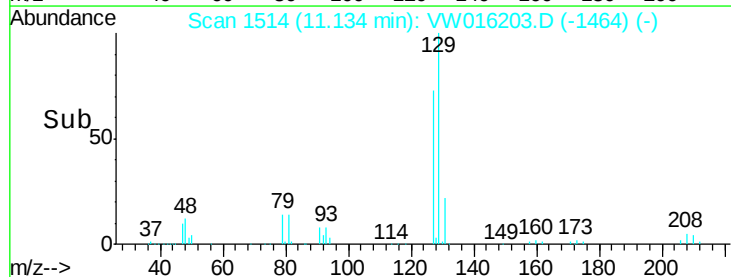
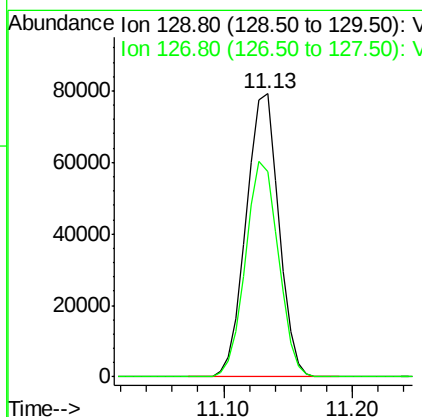
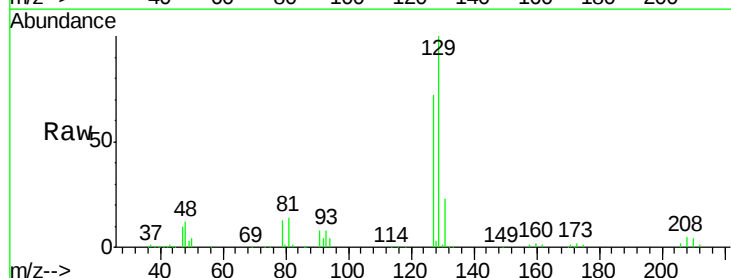
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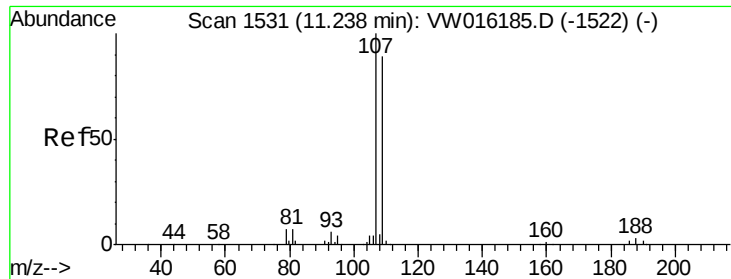
MMDadoda
8/17/2020 5:46:40 PM



#60
Dibromochloromethane
Concen: 52.504 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion: 129 Resp: 138948
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.8





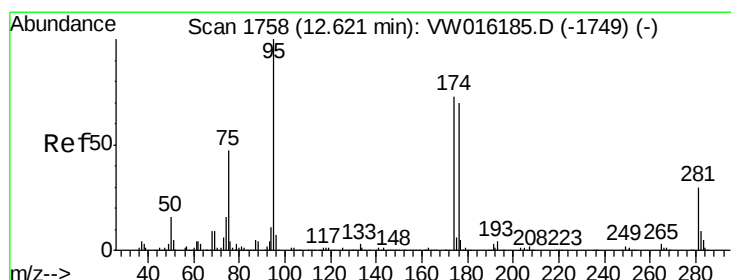
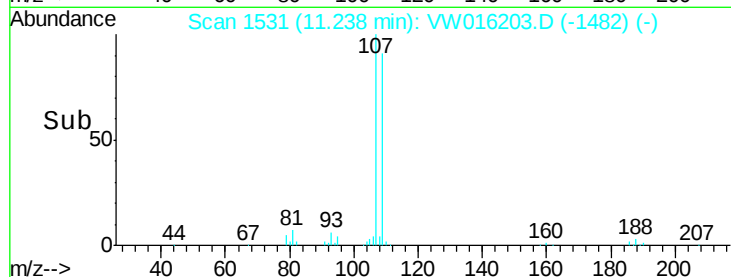
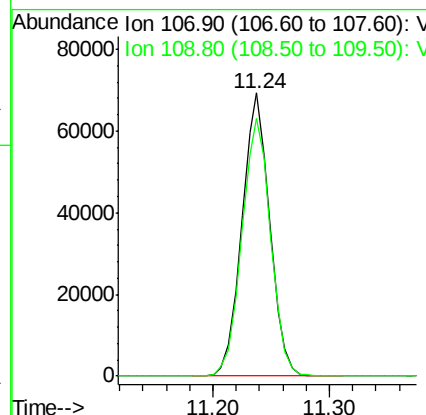
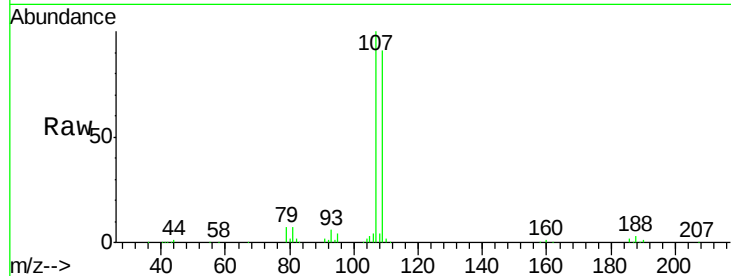
#61
 1,2-Dibromoethane
 Concen: 53.727 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.7	112.1

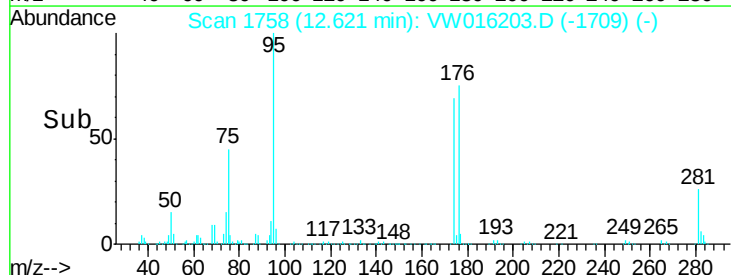
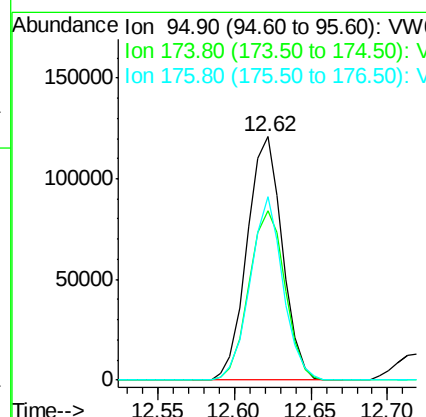
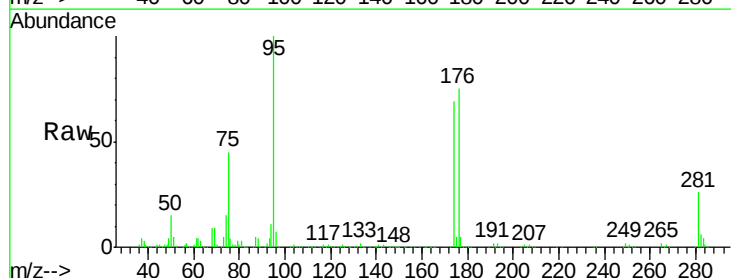
Manual Integrations
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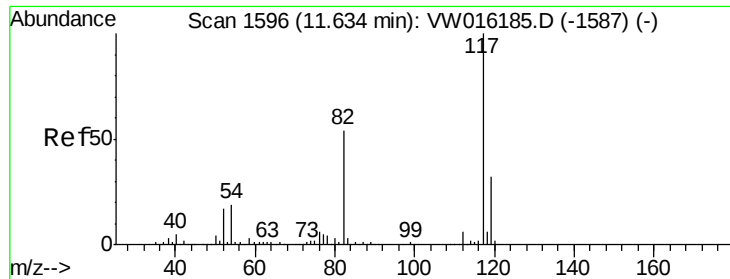
MMDadoda
 8/17/2020 5:46:40 PM



#62
 4-Bromofluorobenzene
 Concen: 50.162 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	145.6
176	69.7	0.0	137.8





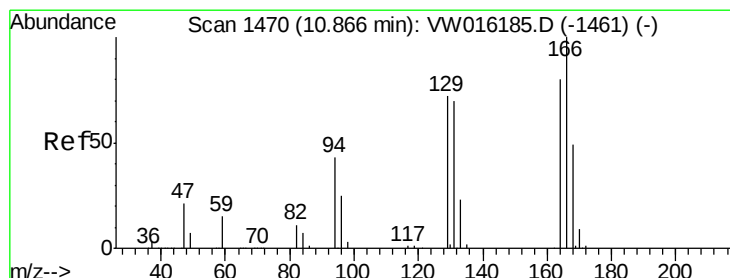
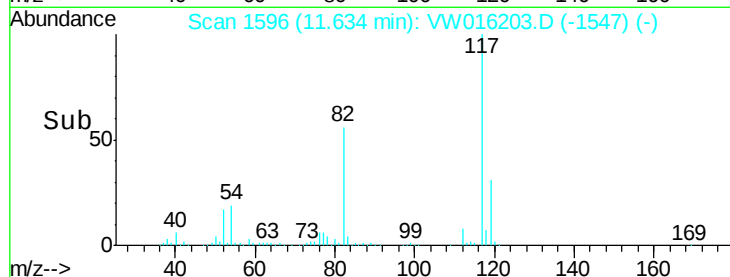
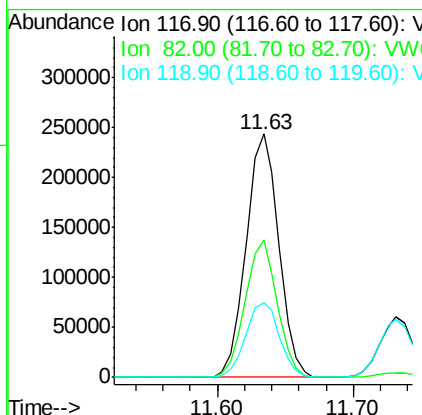
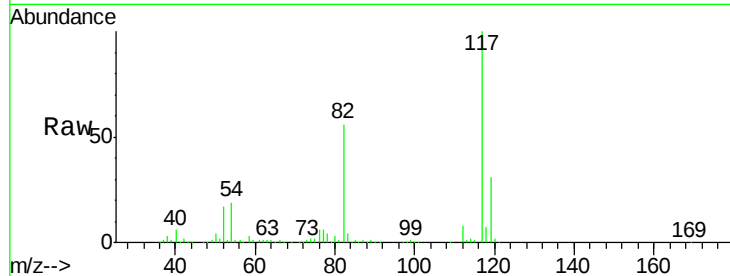
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.6	65.4
119	30.7	25.4	38.0

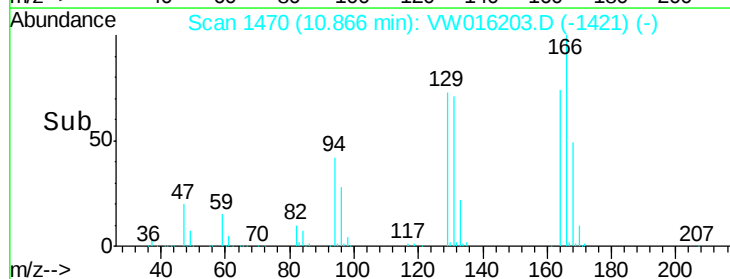
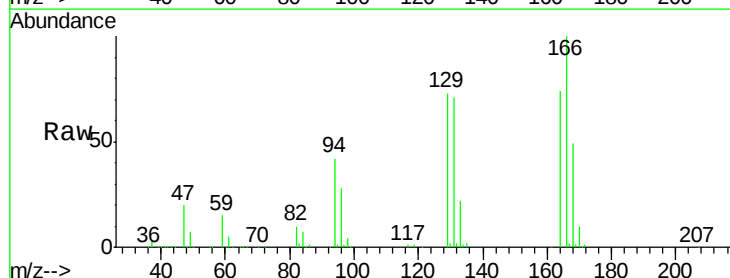
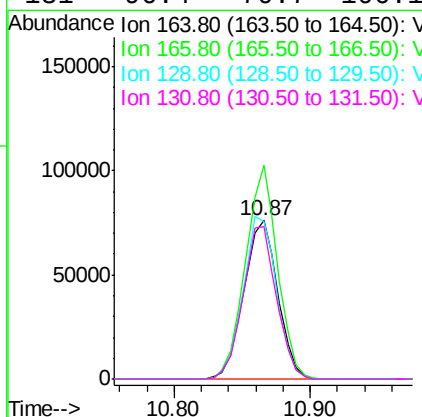
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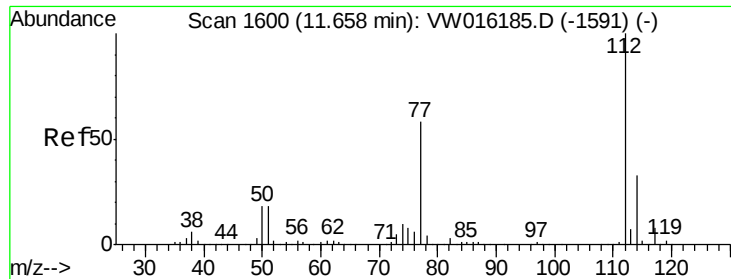
MMDadoda
8/17/2020 5:46:40 PM



#64
Tetrachloroethene
Concen: 49.397 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.0	100.3	150.5
129	99.2	72.2	108.4
131	96.4	70.7	106.1





#65

Chlorobenzene

Concen: 50.829 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 426623

Ion Ratio Lower Upper

112 100

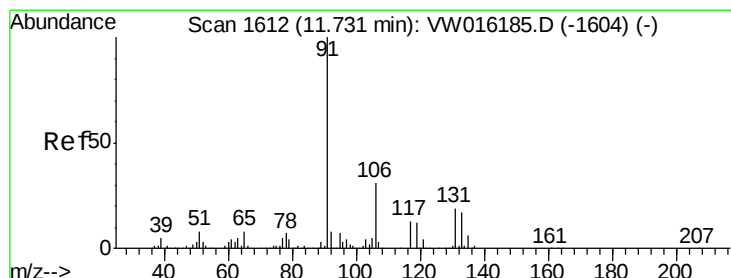
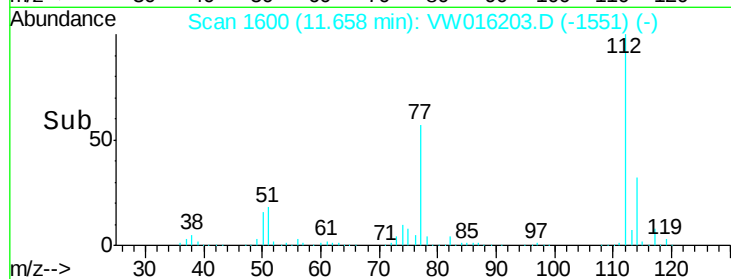
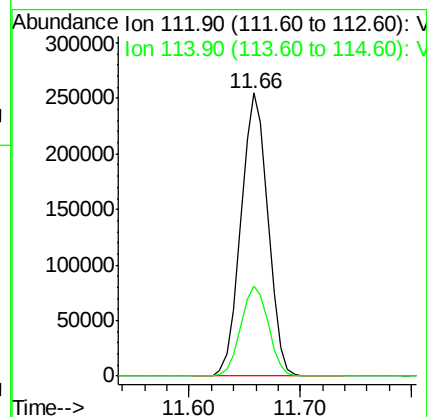
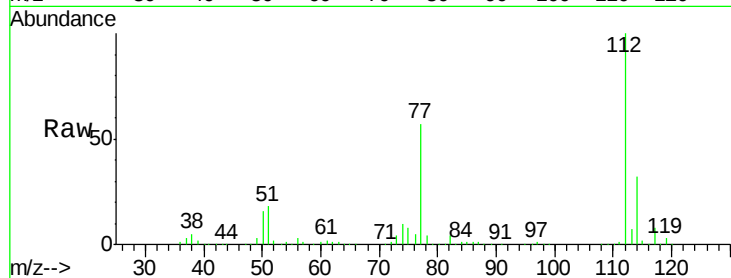
114 31.9 26.6 39.8

Manual Integrations

APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.605 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

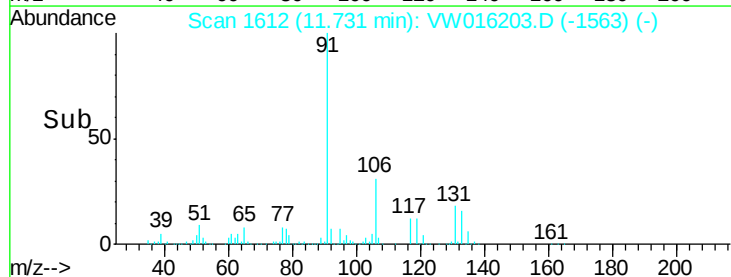
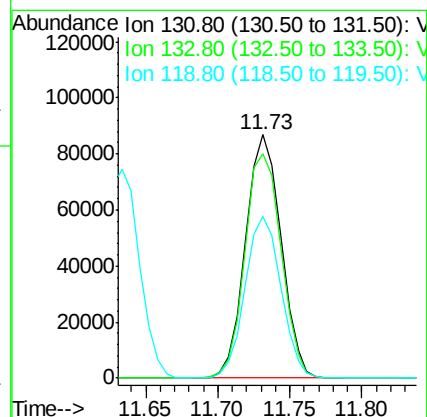
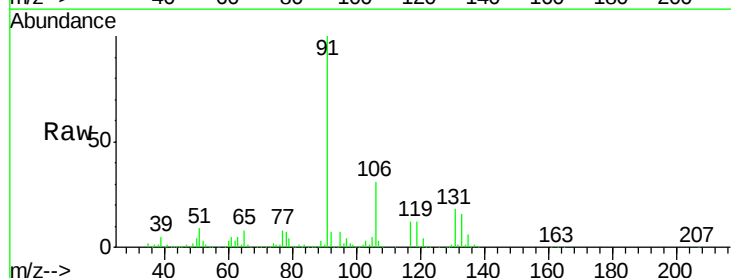
Tgt Ion:131 Resp: 148468

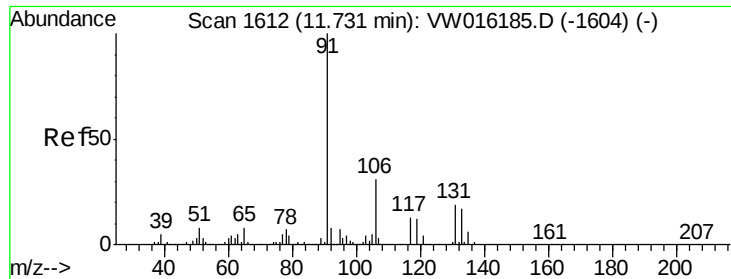
Ion Ratio Lower Upper

131 100

133 94.5 47.1 141.3

119 67.2 33.1 99.3





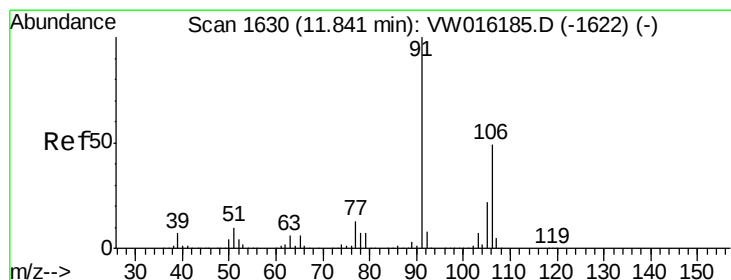
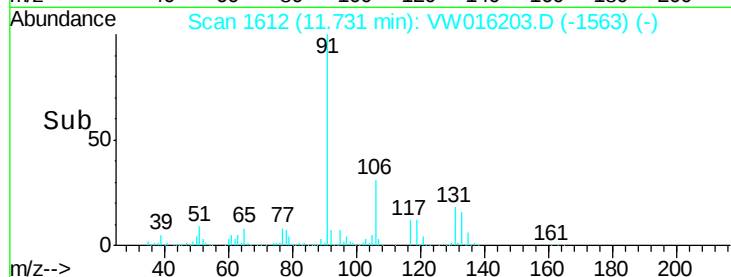
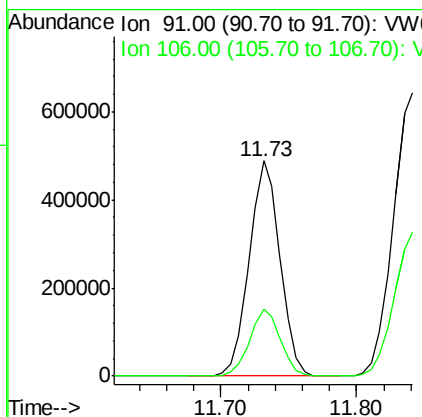
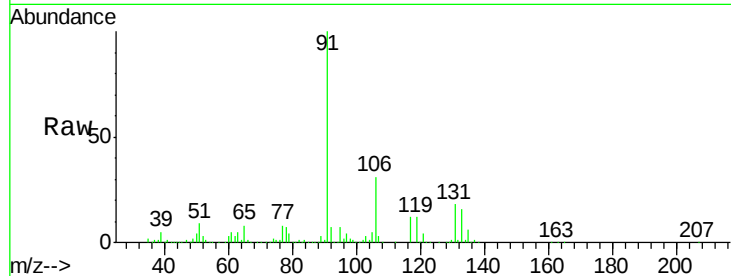
#67
Ethyl Benzene
Concen: 51.355 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.9	37.3

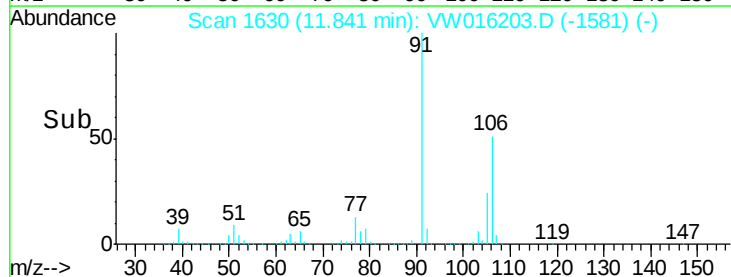
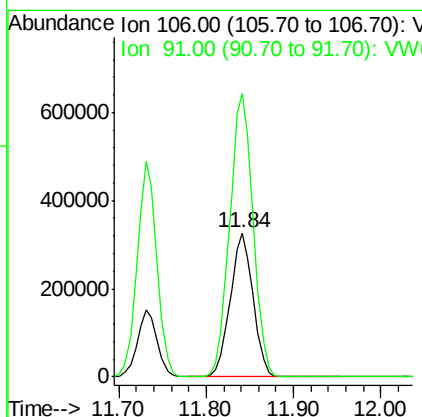
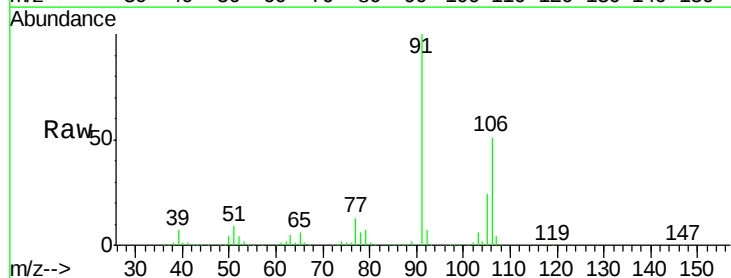
Manual Integrations
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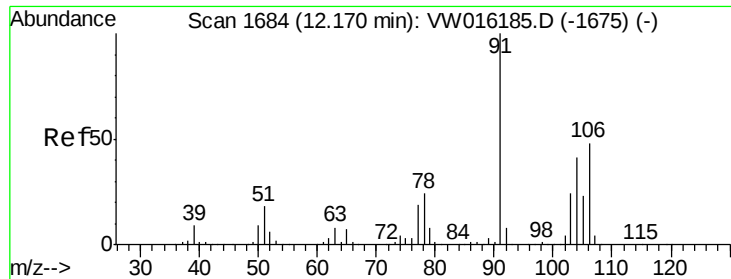
MMDadoda
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#68
m/p-Xylenes
Concen: 101.858 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.8	161.4	242.2





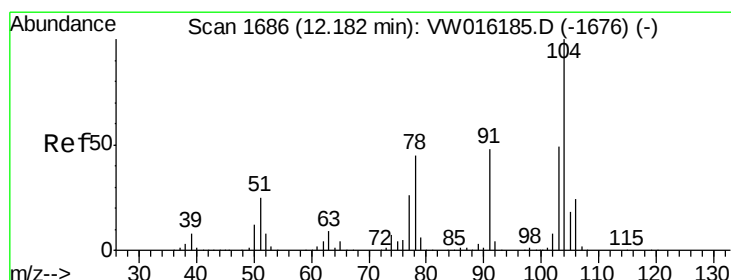
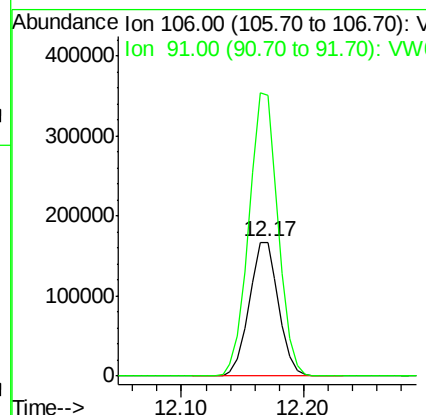
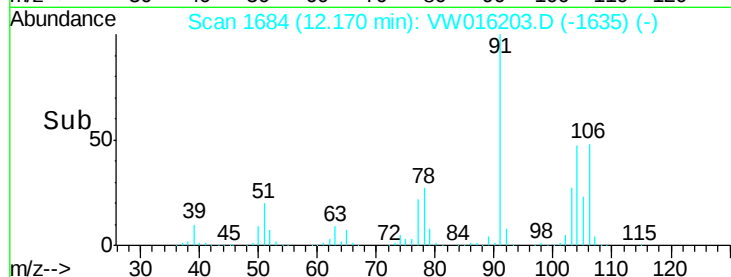
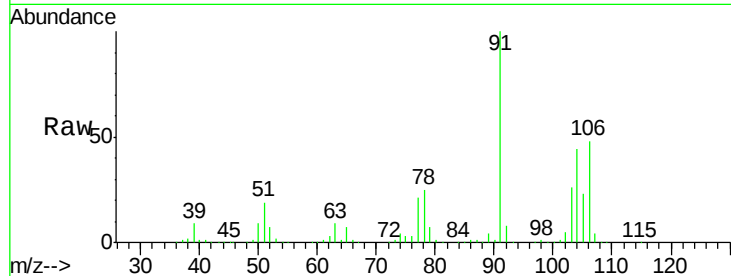
#69
o-Xylene
Concen: 53.694 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.2	106.0	317.9

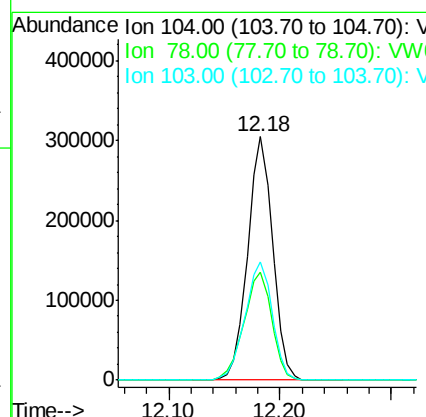
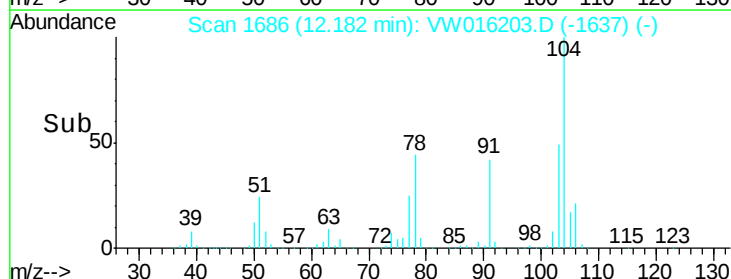
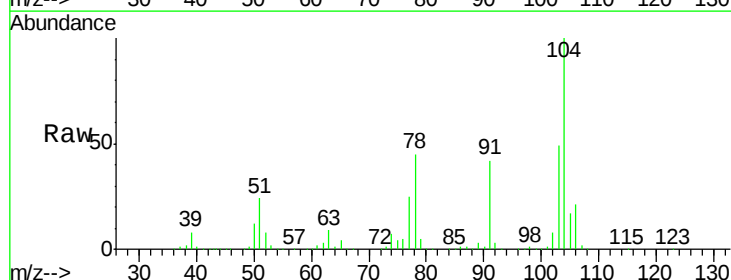
Manual Integrations
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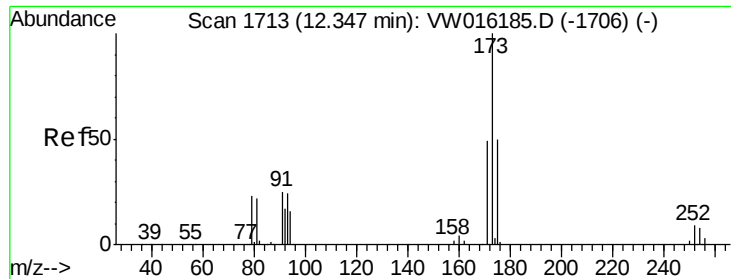
MMDadoda
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#70
Styrene
Concen: 53.263 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.4	59.2
103	53.0	42.9	64.3





#71

Bromoform

Concen: 56.318 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 73947

Ion Ratio Lower Upper

173 100

175 45.4 24.7 74.1

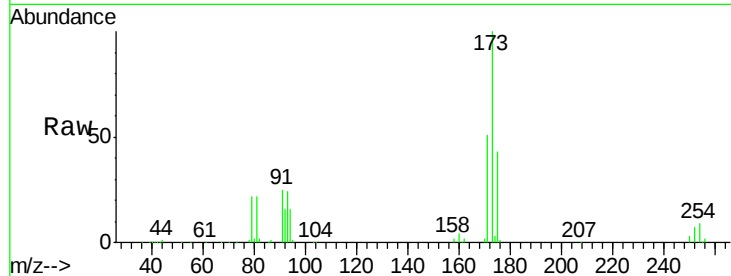
254 0.2 0.0 0.0#

Manual Integrations

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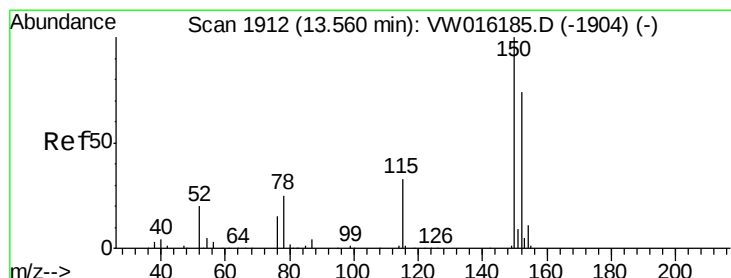
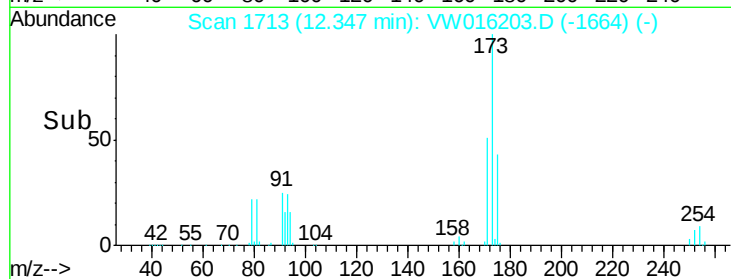
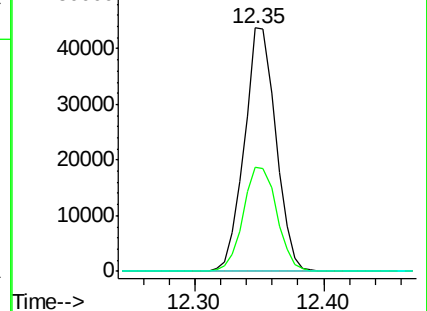
8/17/2020 5:46:40 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

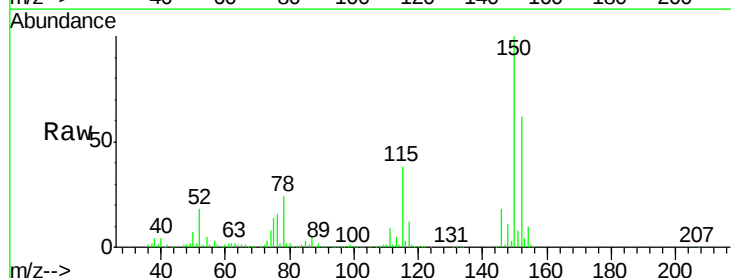
Tgt Ion:152 Resp: 191057

Ion Ratio Lower Upper

152 100

115 62.9 30.9 92.5

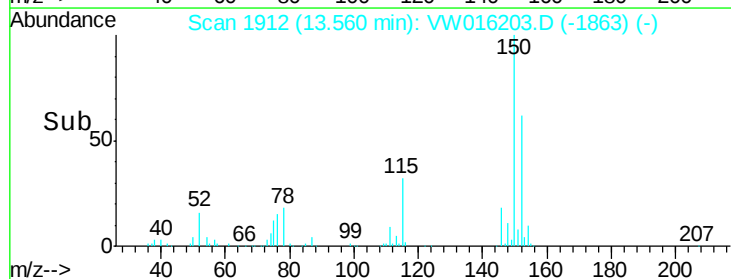
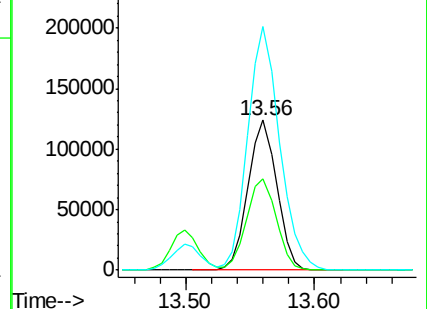
150 179.7 0.0 337.8

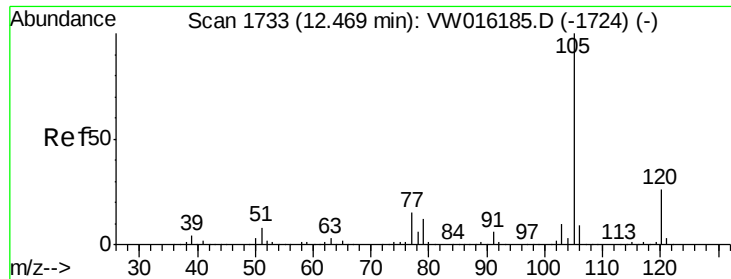


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.281 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 746600

Ion Ratio Lower Upper

105 100

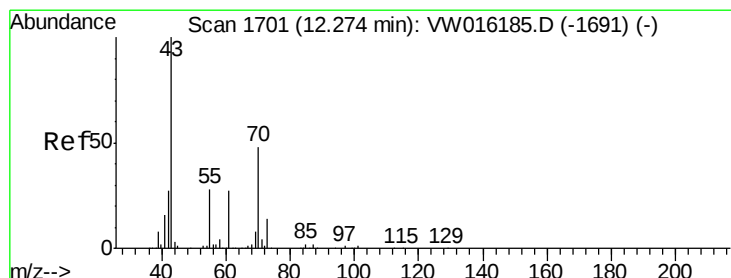
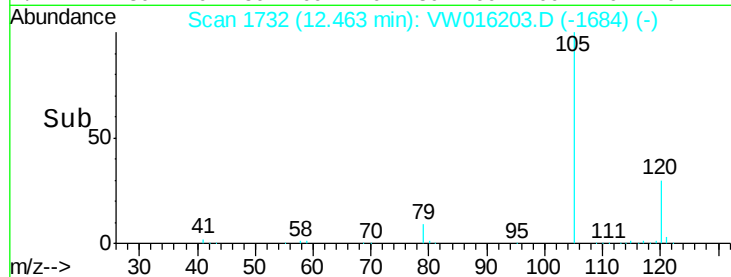
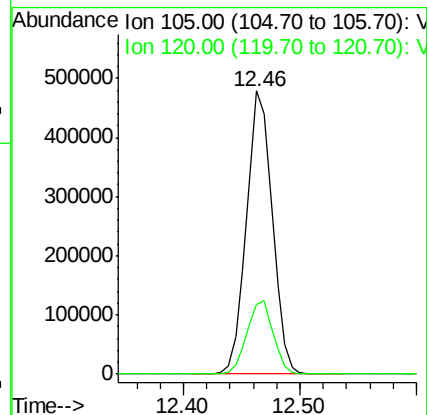
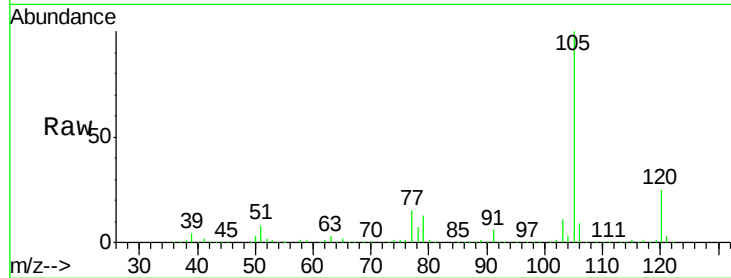
120 26.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 61.477 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Tgt Ion: 43 Resp: 160289

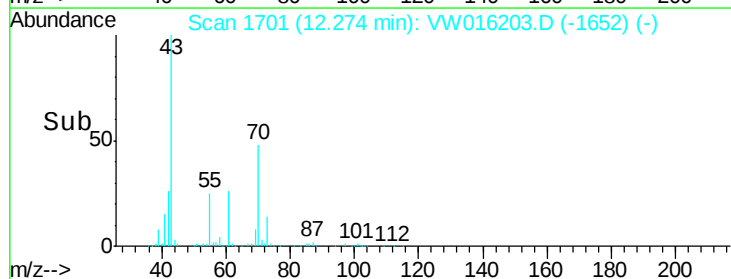
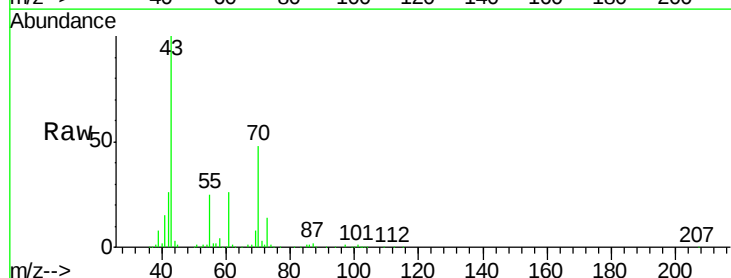
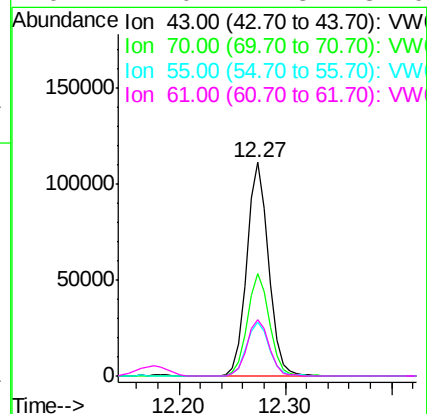
Ion Ratio Lower Upper

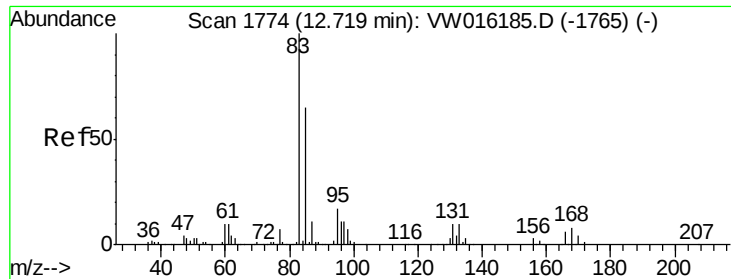
43 100

70 48.5 38.6 58.0

55 26.4 22.2 33.2

61 27.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.919 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

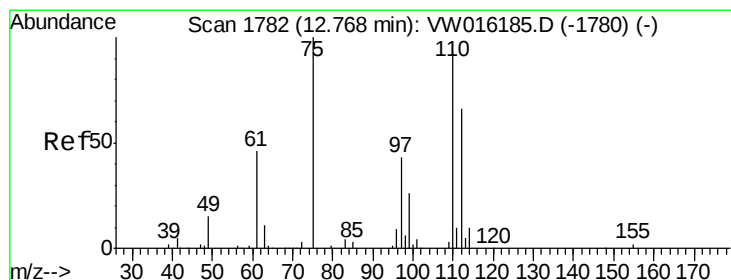
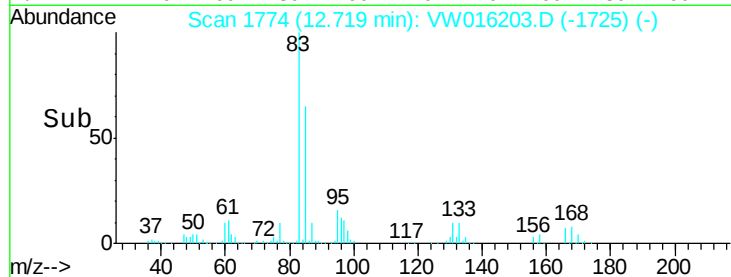
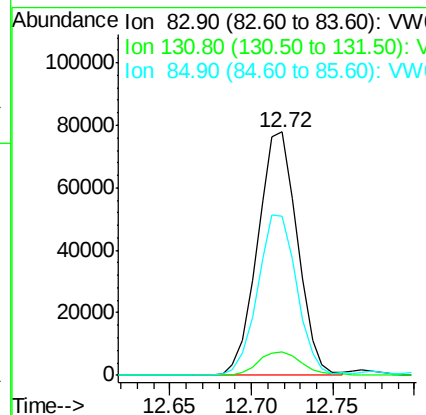
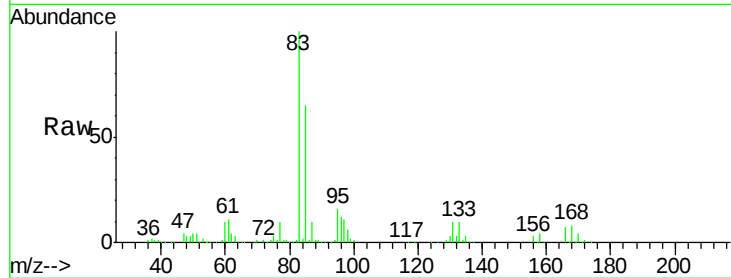
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	131356
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.6	16.8
85	65.3	31.3	93.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.626 ug/l m

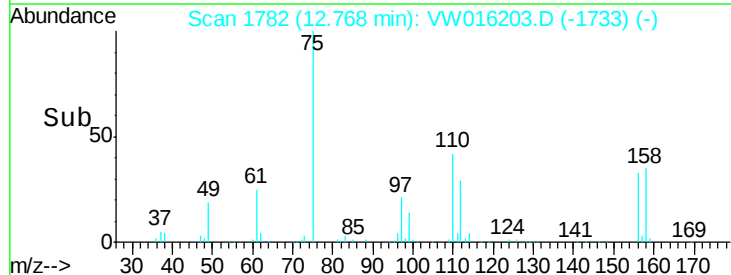
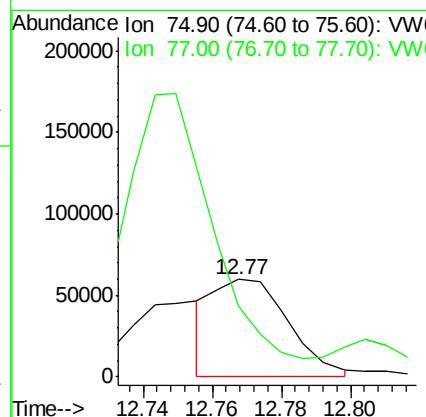
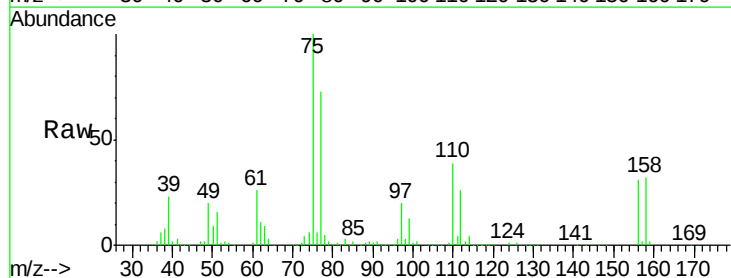
RT: 12.77 min Scan# 1782

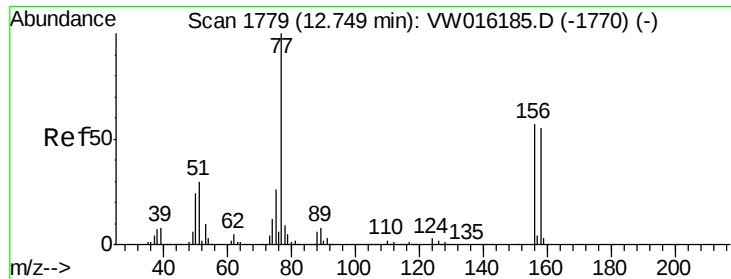
Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Tgt Ion:	75	Resp:	90712
Ion Ratio	Lower	Upper	
75	100		
77	354.6	173.6	520.6





#77

Bromobenzene

Concen: 51.613 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

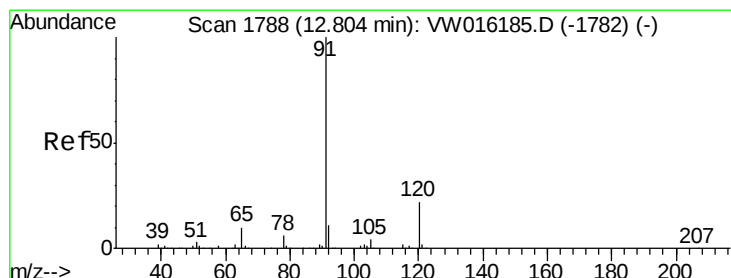
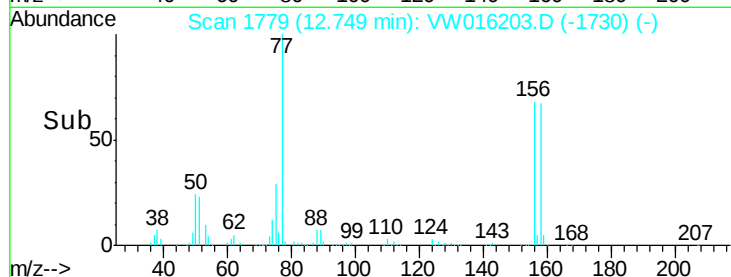
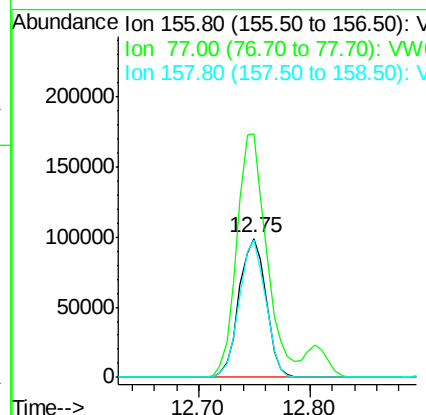
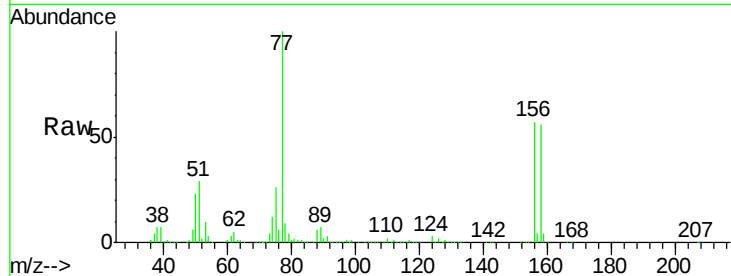
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	166207
Ion Ratio	Lower	Upper	
156	100		
77	193.5	97.9	293.6
158	96.3	49.0	147.2

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#78

n-propylbenzene

Concen: 51.323 ug/l

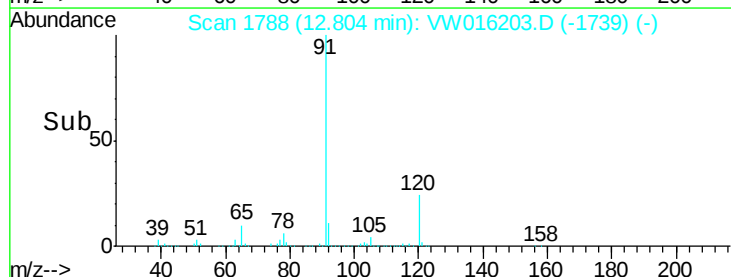
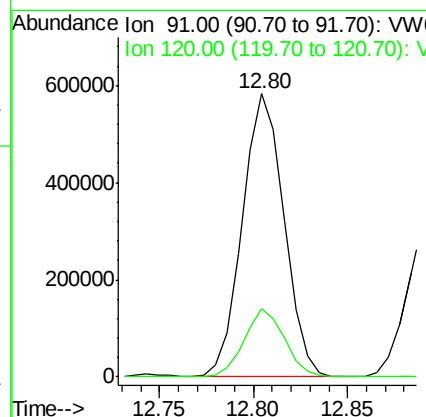
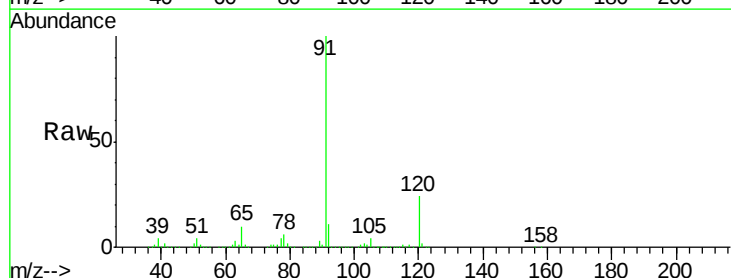
RT: 12.80 min Scan# 1788

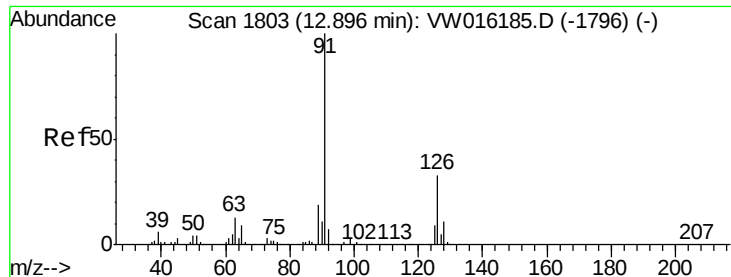
Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Tgt Ion:	91	Resp:	891910
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.7





#79

2-Chlorotoluene

Concen: 51.198 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016203.D

Acq: 14 Aug 2020 20:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 513959

Ion Ratio Lower Upper

91 100

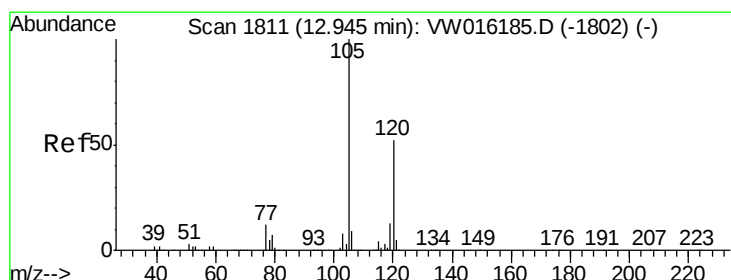
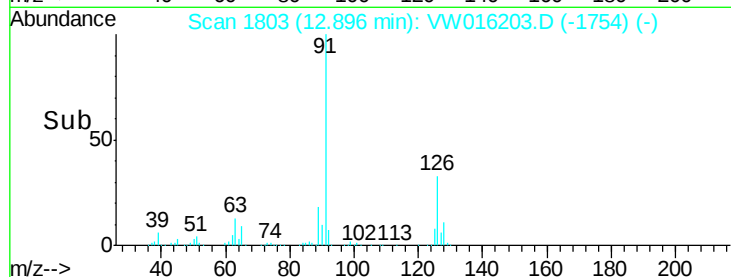
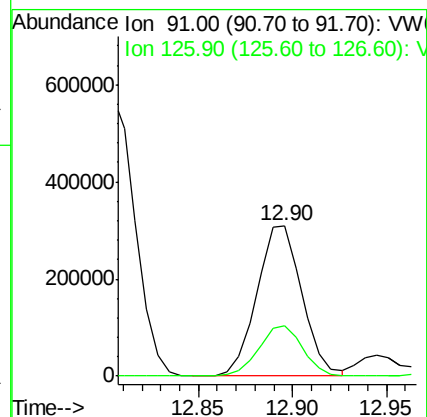
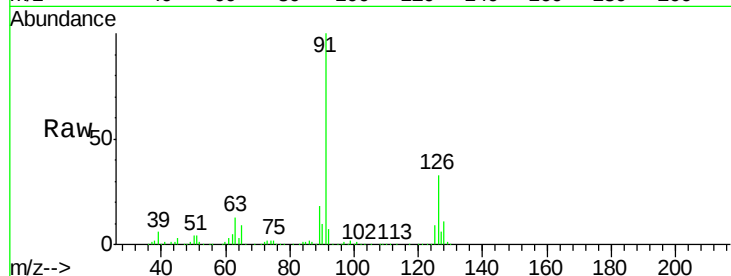
126 32.6 16.4 49.2

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#80

1,3,5-Trimethylbenzene

Concen: 51.376 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016203.D

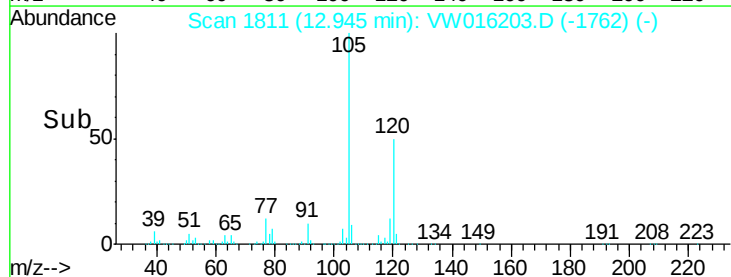
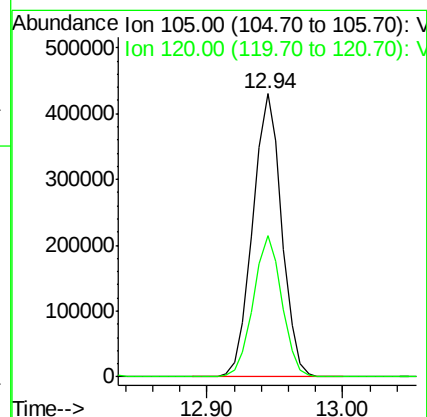
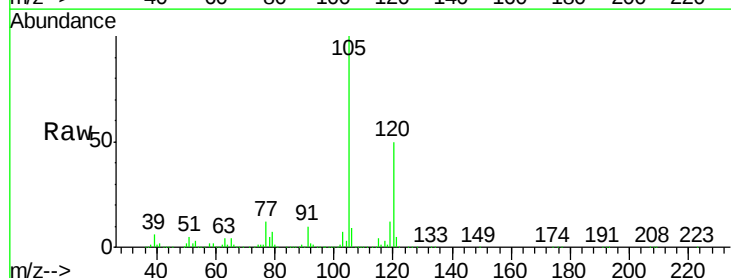
Acq: 14 Aug 2020 20:04

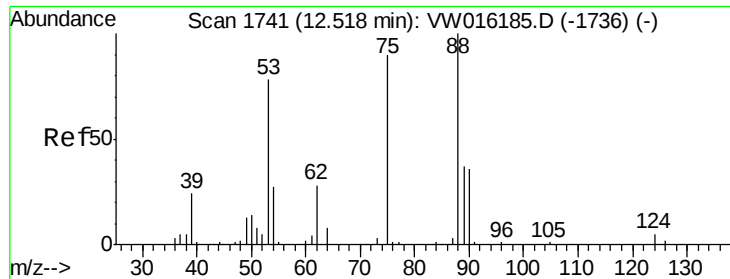
Tgt Ion:105 Resp: 642096

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.2





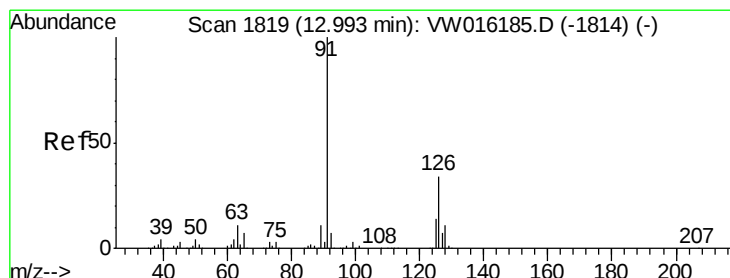
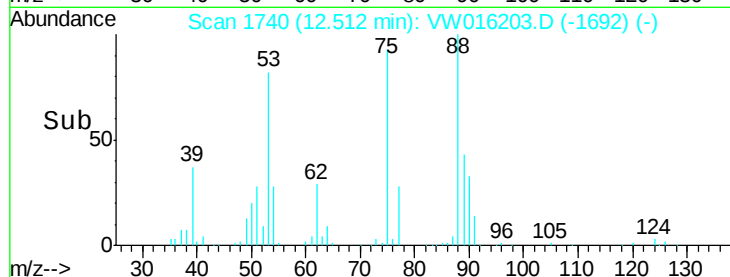
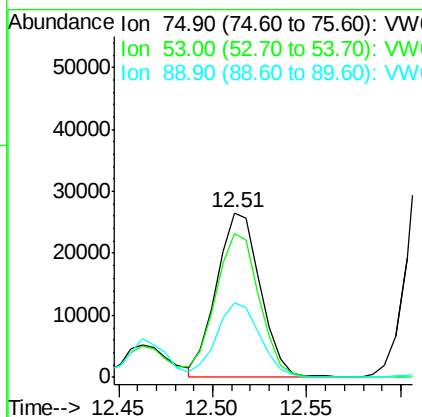
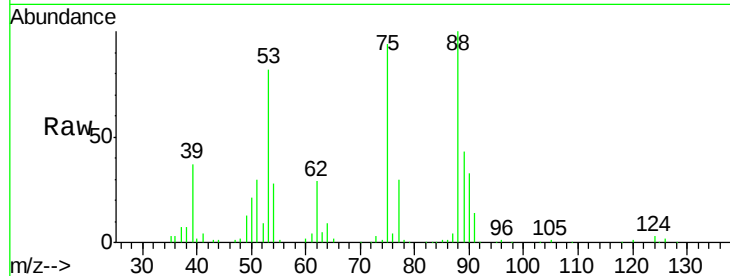
#81
trans-1,4-Dichloro-2-butene
Concen: 57.941 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.0	74.6	111.8
89	45.4	37.2	55.8

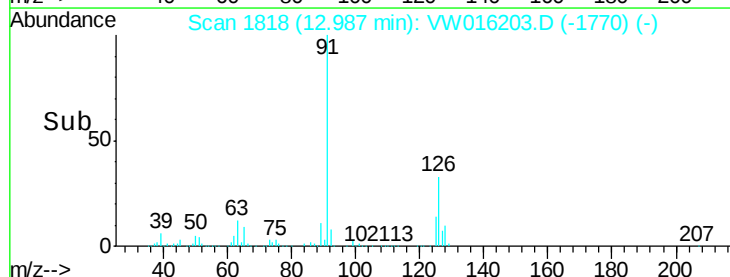
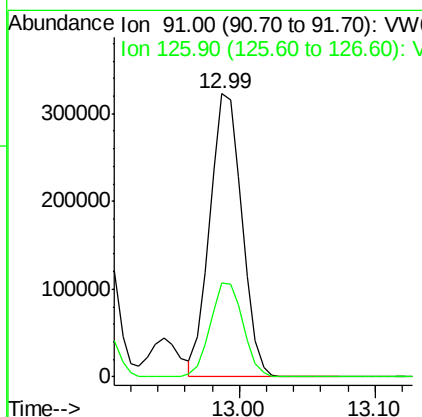
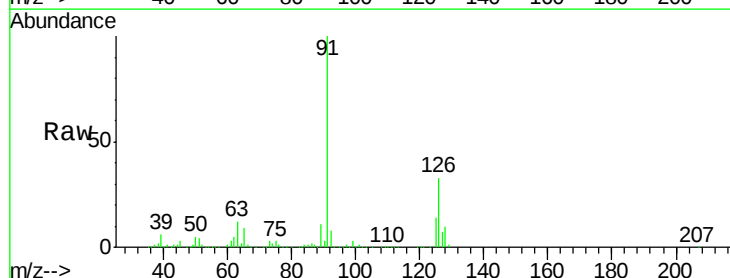
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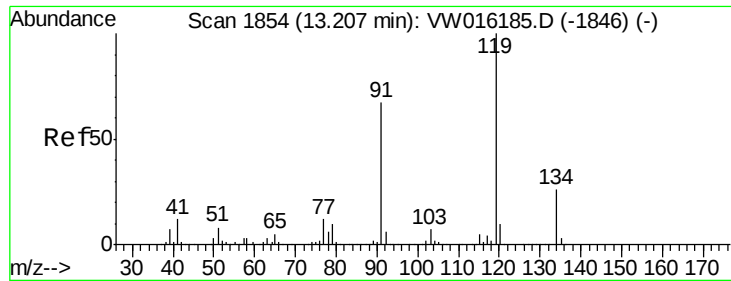
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#82
4-Chlorotoluene
Concen: 50.296 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.6	49.8





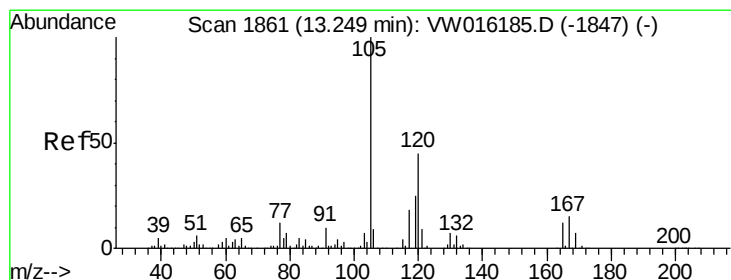
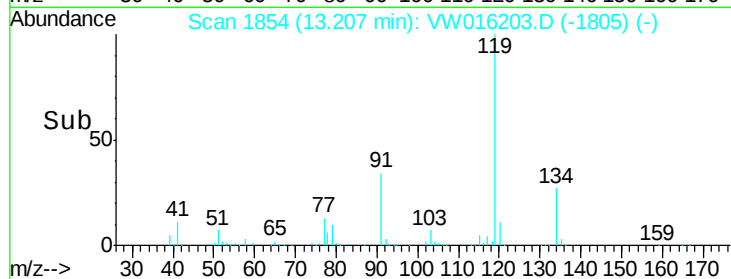
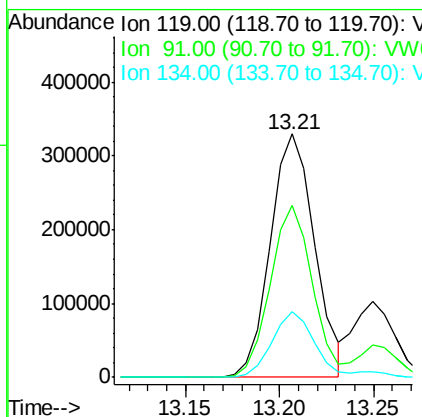
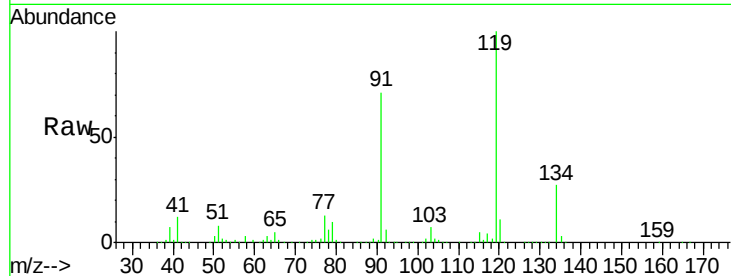
#83
tert-Butylbenzene
Concen: 52.278 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	535470		
91	68.2	33.3	99.9	
134	25.7	13.5	40.5	

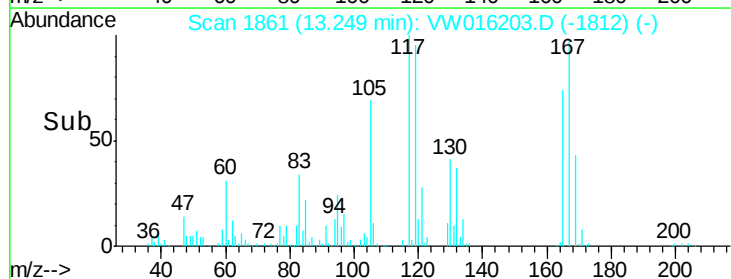
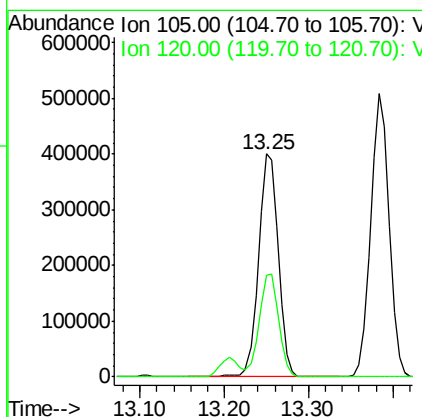
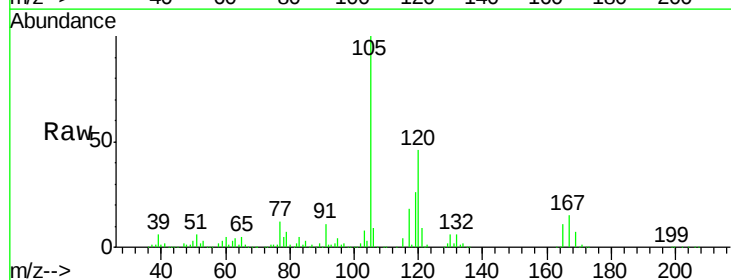
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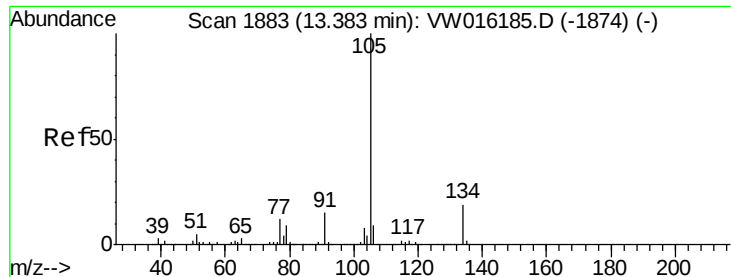
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#84
1,2,4-Trimethylbenzene
Concen: 52.246 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	646145		
120	45.4	22.2	66.6	





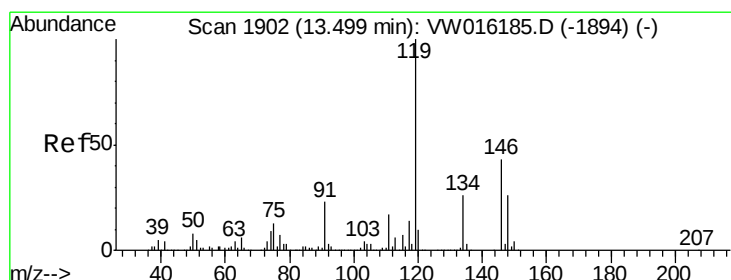
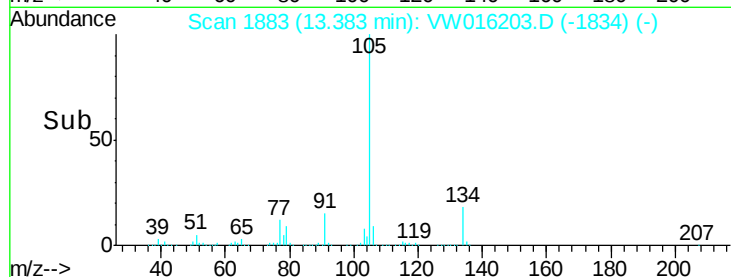
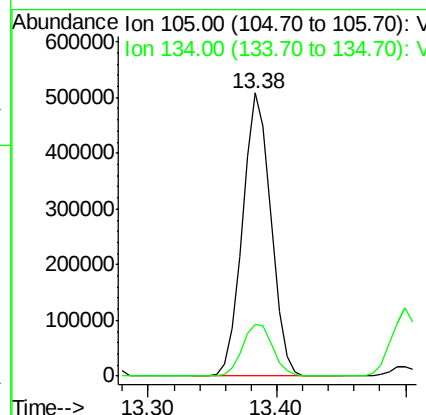
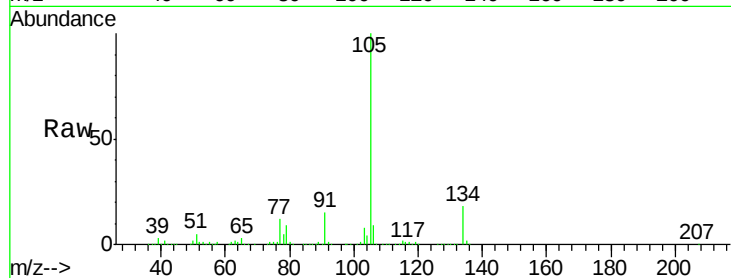
#85
 sec-Butylbenzene
 Concen: 51.729 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

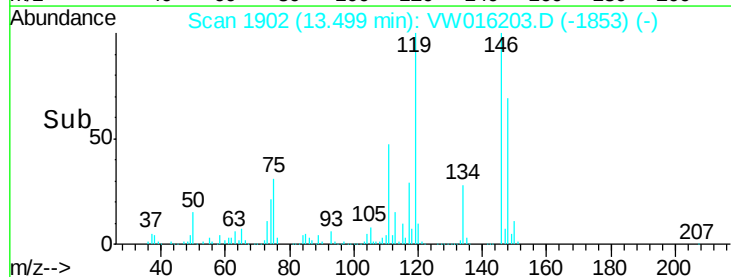
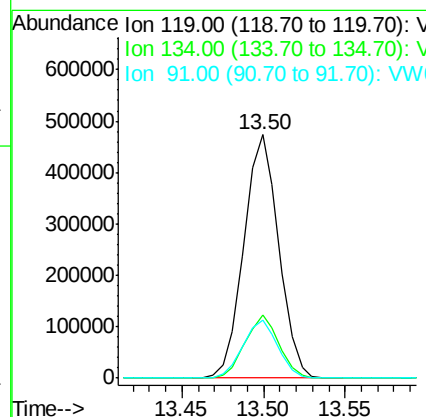
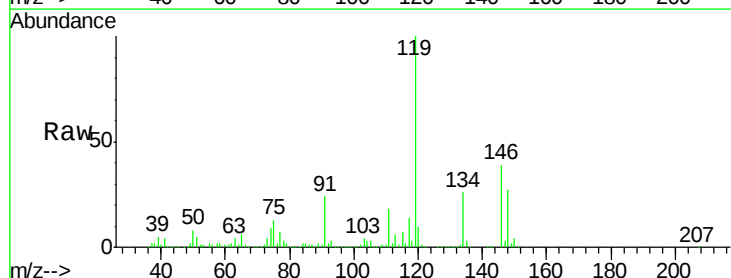
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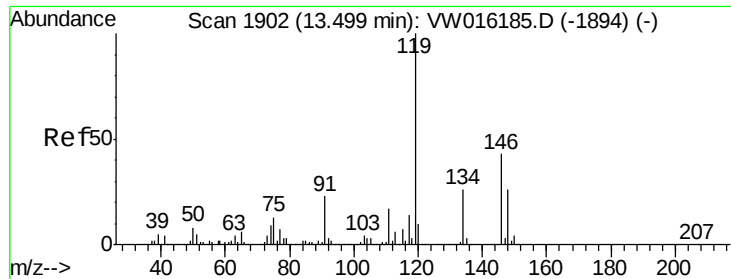
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#86
 p-Isopropyltoluene
 Concen: 52.308 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.4
91	23.6	11.8	35.3





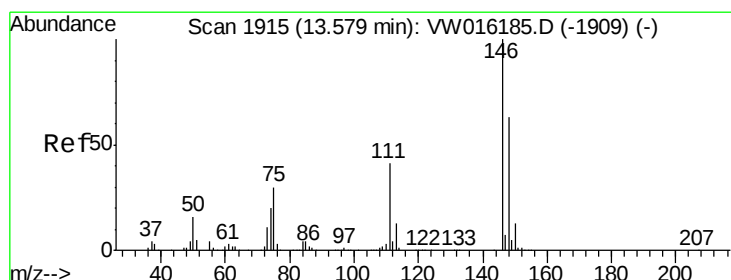
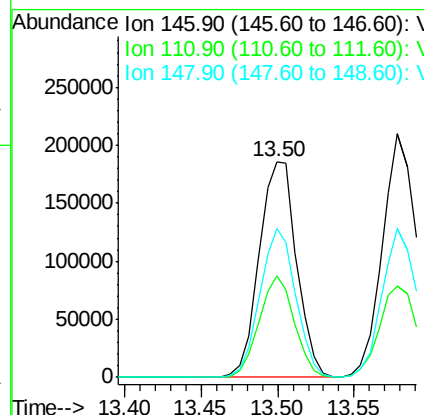
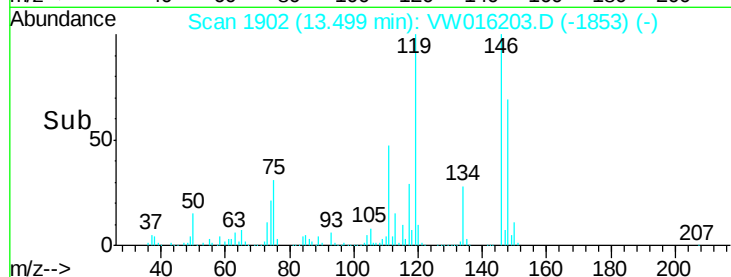
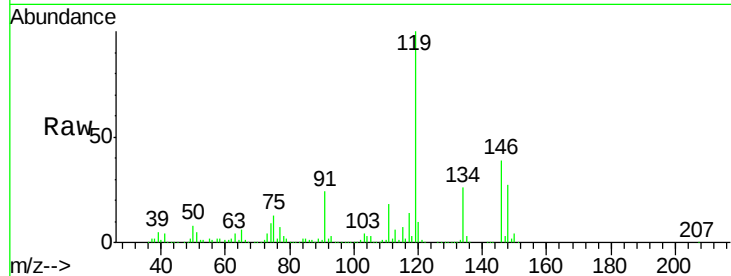
#87
 1,3-Dichlorobenzene
 Concen: 49.083 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	20.8	62.5
148	65.8	31.1	93.5

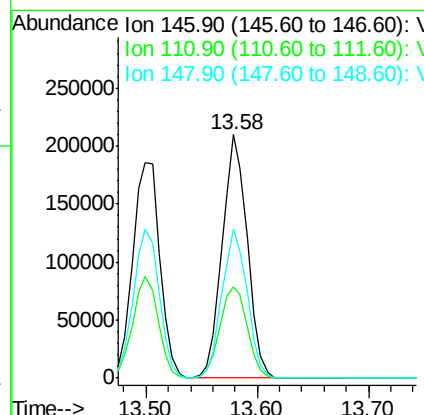
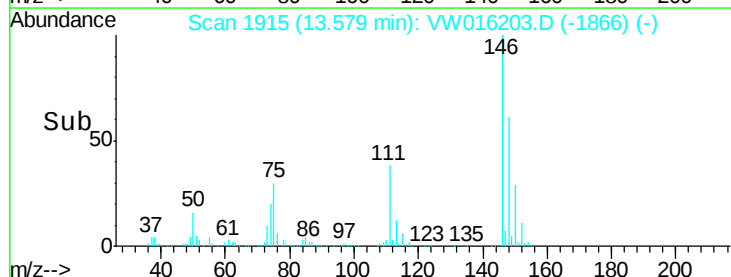
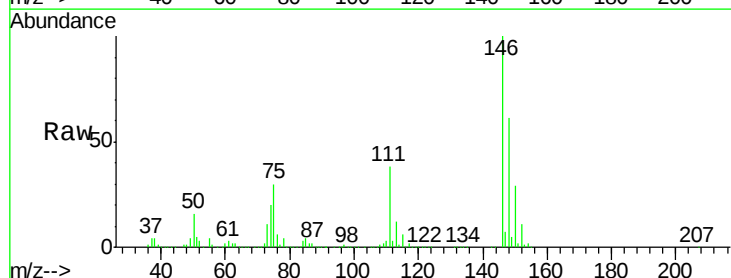
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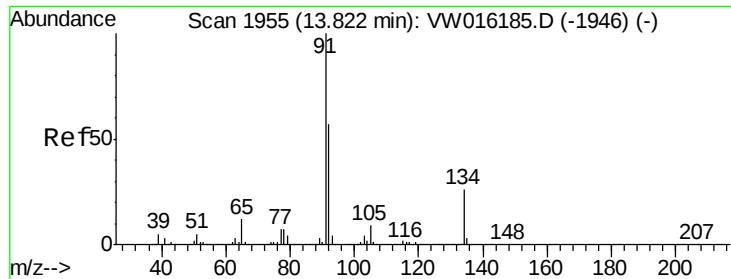
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#88
 1,4-Dichlorobenzene
 Concen: 51.442 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.2
148	61.8	32.1	96.3





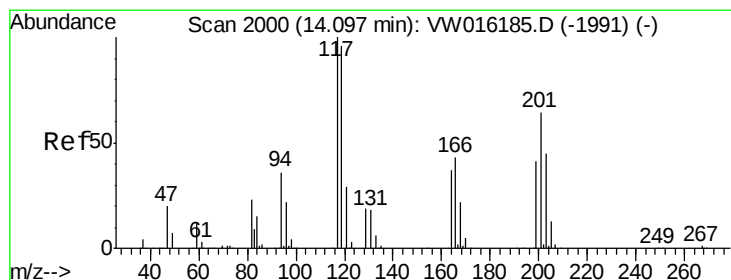
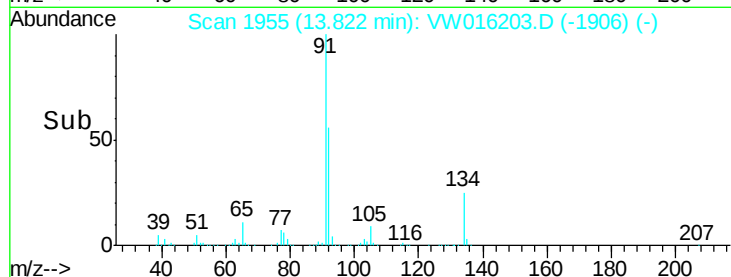
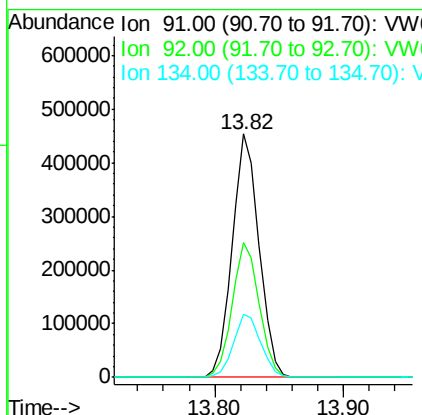
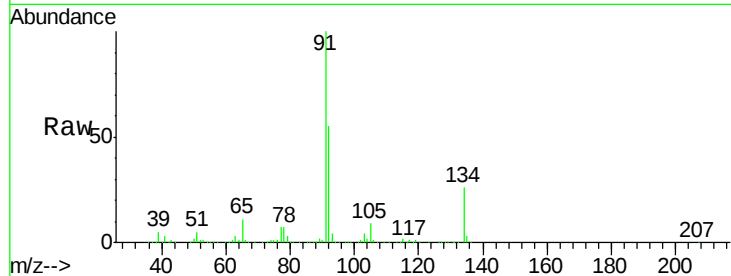
#89
n-Butylbenzene
Concen: 52.762 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.4	82.2
134	26.4	13.0	39.0

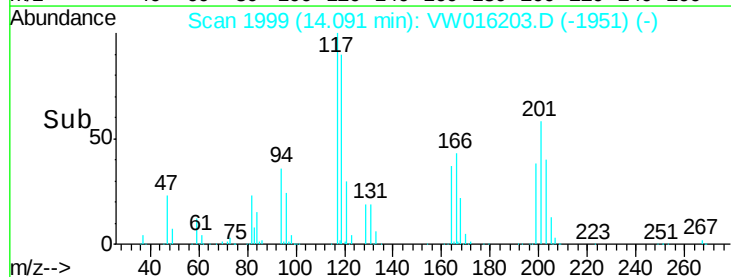
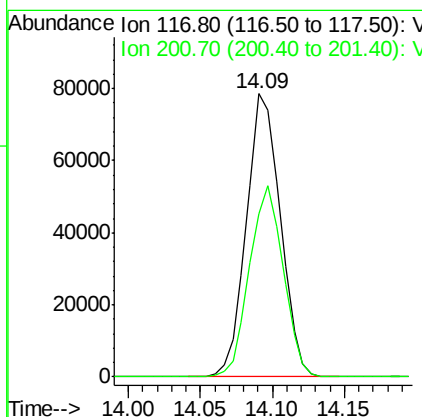
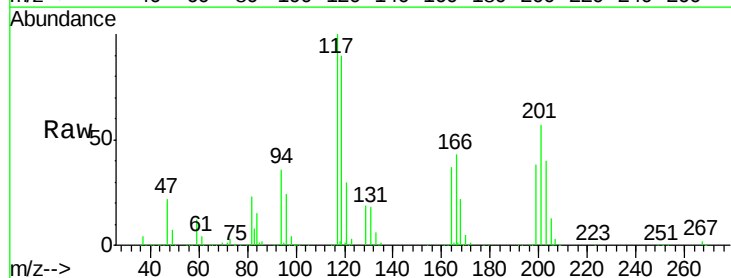
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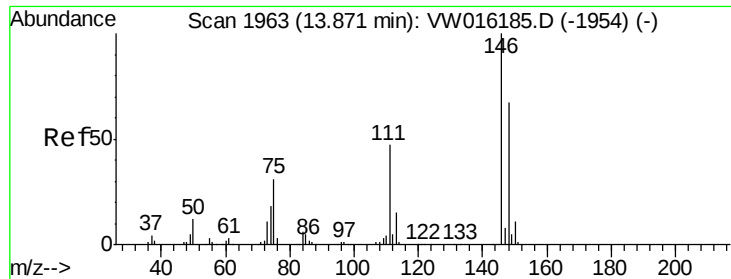
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#90
Hexachloroethane
Concen: 51.128 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	33.8	101.3





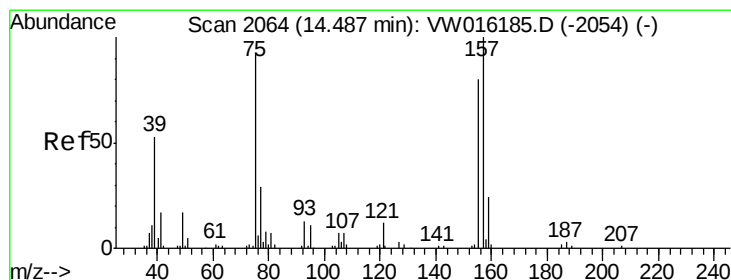
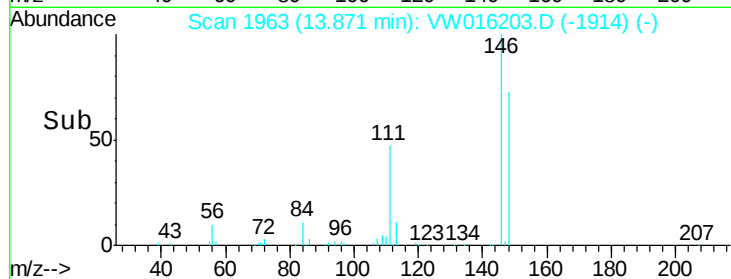
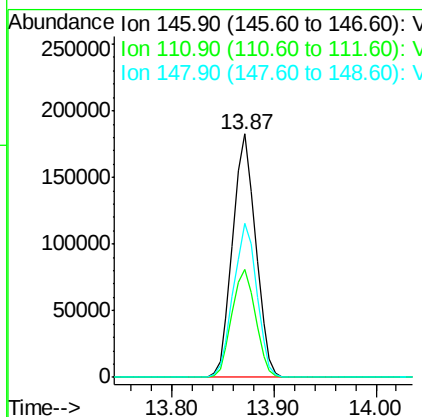
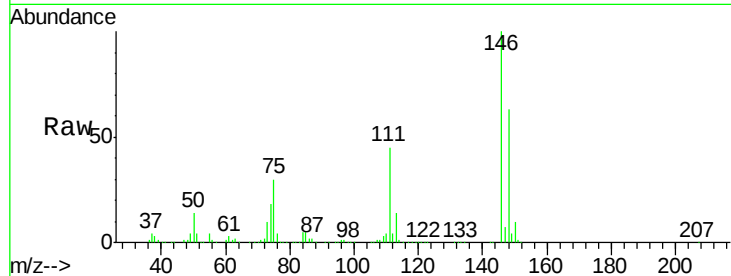
#91
 1,2-Dichlorobenzene
 Concen: 50.815 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	21.9	65.8
148	64.1	32.1	96.3

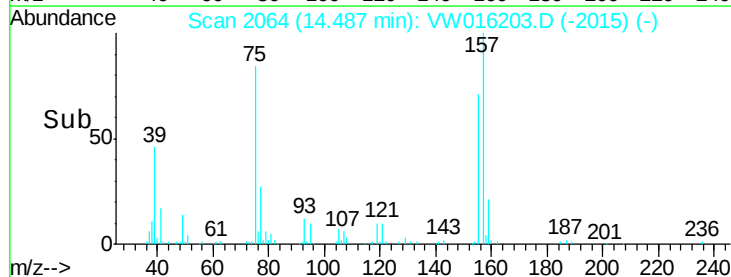
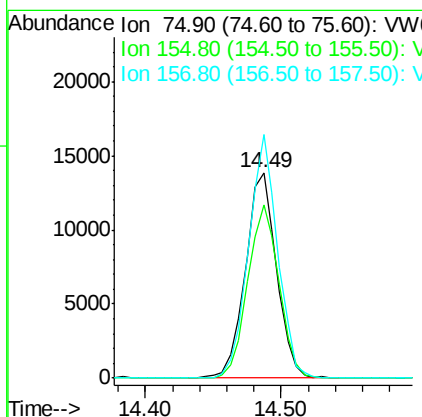
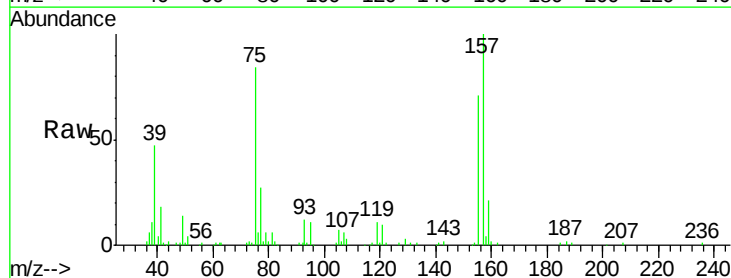
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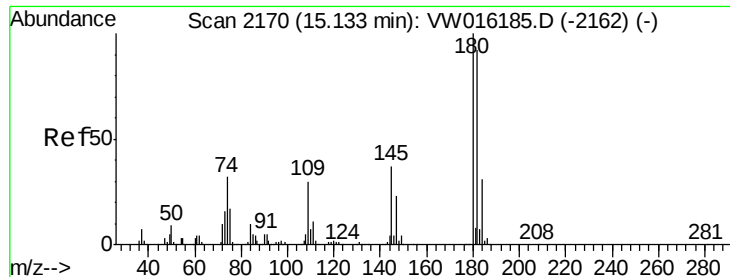
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 8/17/2020 5:46:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.115 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	41.3	124.1
157	110.8	53.0	159.0





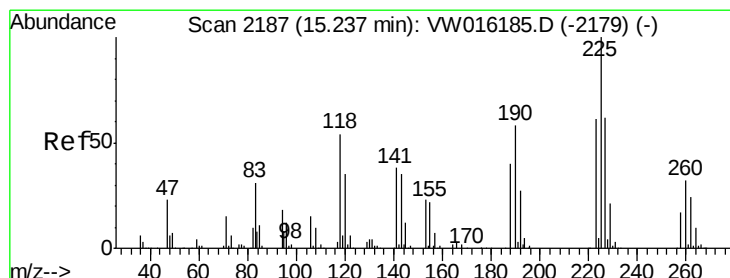
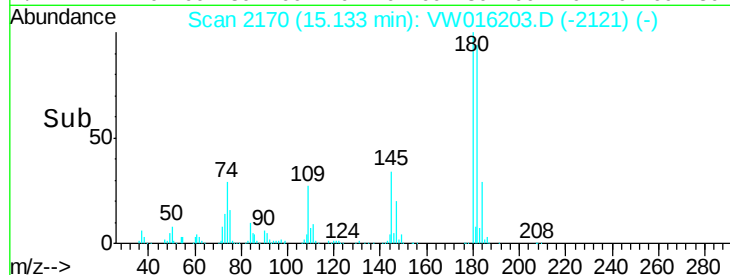
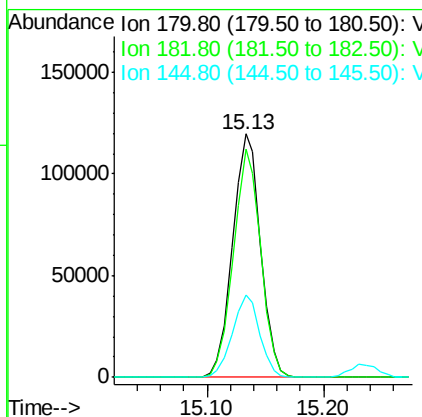
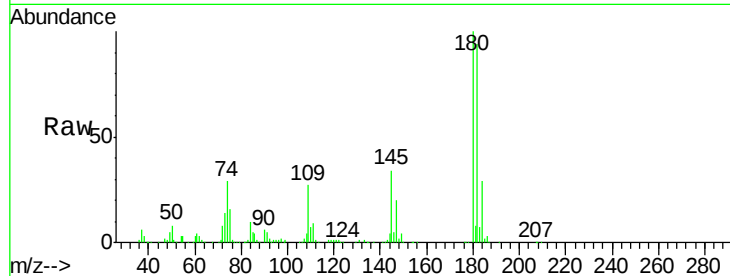
#93
 1,2,4-Trichlorobenzene
 Concen: 59.456 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199351		
182	91.8	46.0	138.0	
145	33.3	16.9	50.7	

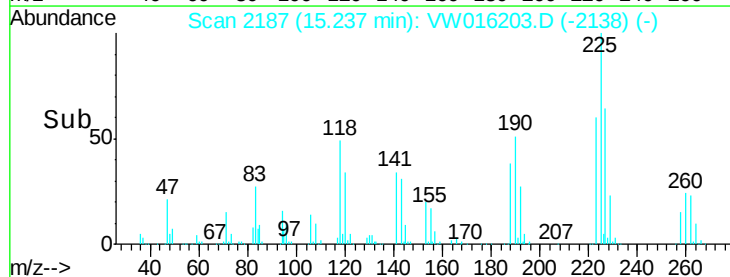
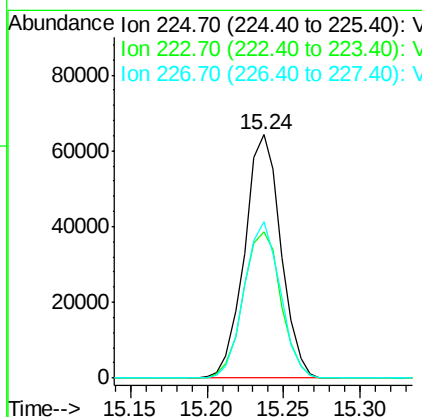
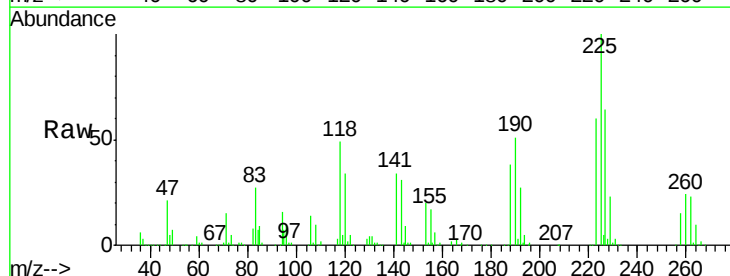
Manual Integrations
 APPROVED

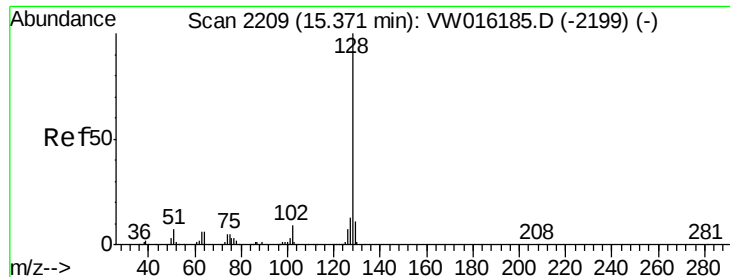
MMDadoda
 8/17/2020 5:46:40 PM



#94
 Hexachlorobutadiene
 Concen: 53.206 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016203.D
 Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106062		
223	62.6	33.0	99.0	
227	63.7	32.0	96.2	





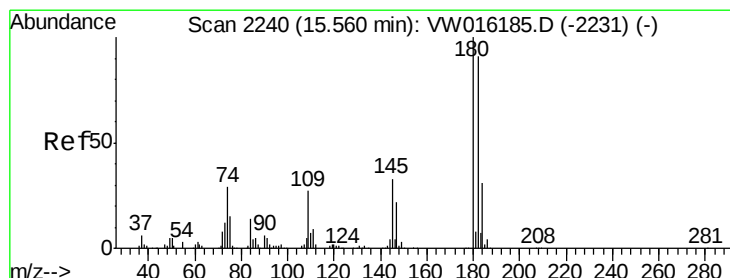
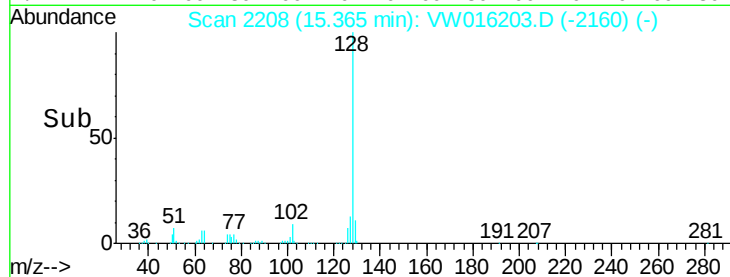
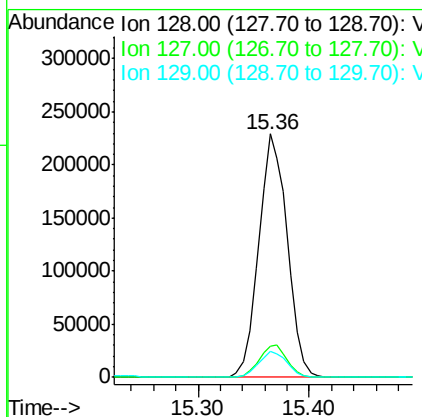
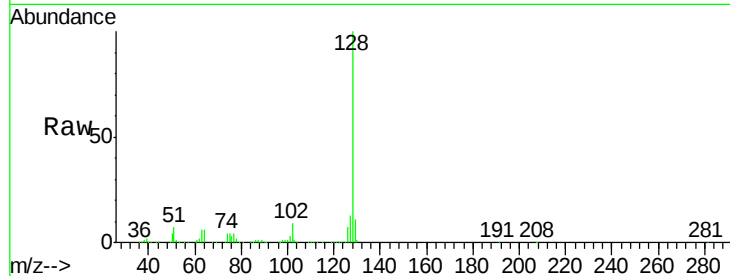
#95
Naphthalene
Concen: 57.262 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/17/2020 5:46:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 60.696 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016203.D
Acq: 14 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.7	143.1
145	35.9	17.4	52.3

